

# Advance Maths

Help-Kit 1-2

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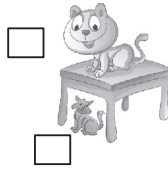
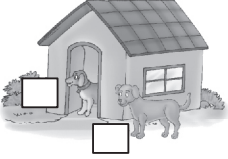
# Maths-1

## Chapter 1 : Pre-Number concepts

On and Under/Inside and outside/Top and bottom

Put a  on the cat on the table.

Put a  on the cat under the table.

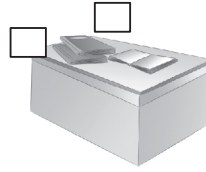


Put a  on the dog inside.

Put a  on the dog outside.

Put a  on the book at the top.

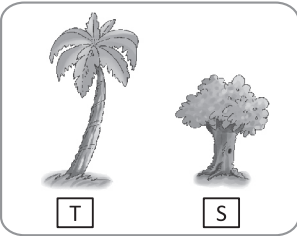
Put a  on the book at the bottom.



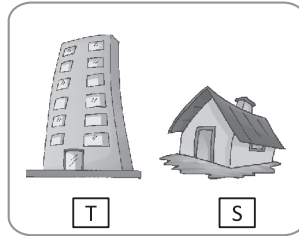
## Tall and Short

Write 'T' for tall and 'S' for short :

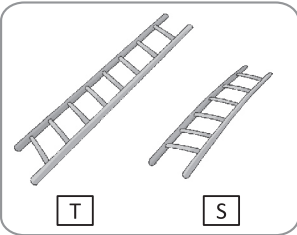
a.



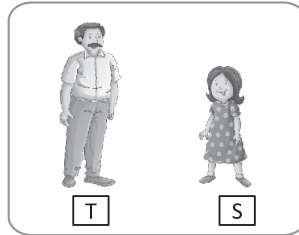
b.



c.



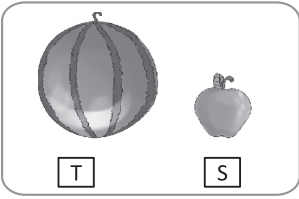
d.



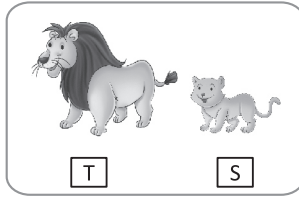
### Big and Small

Write 'B' for big and 'S' for small :

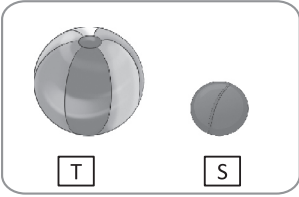
a.



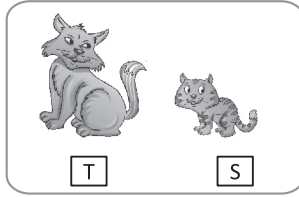
b.



c.

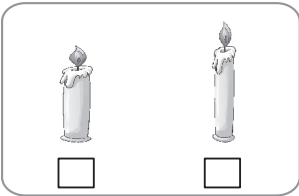


d.

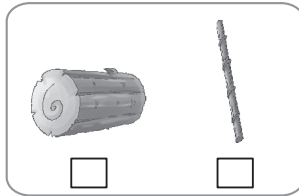


Put a ✓ on the thick object and a X on the thin object :

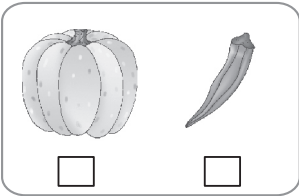
a.



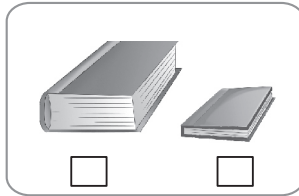
b.



c.



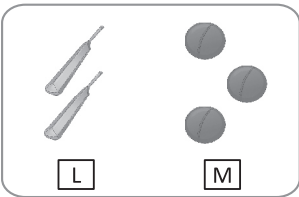
d.



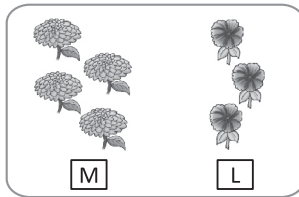
### Less and More

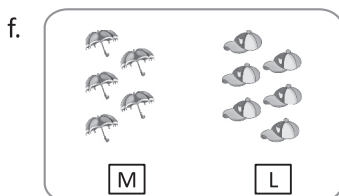
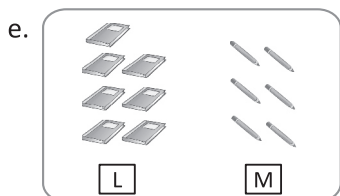
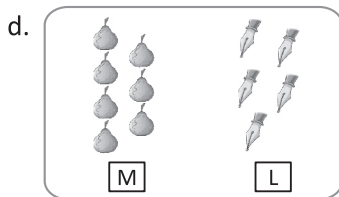
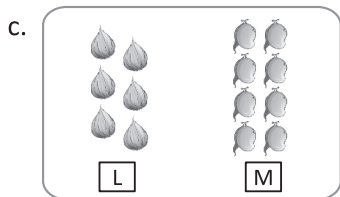
Write 'L' for less and 'M' for more :

a.



b.



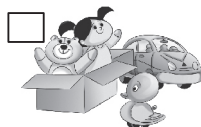


**NCERT Corner**

1. Tick (✓) the things which are inside.



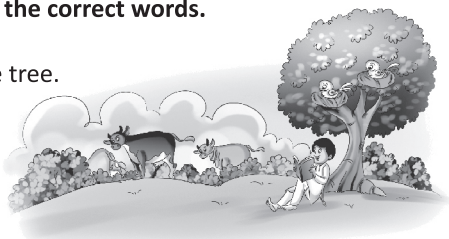
2. Tick (✓) the things which are outside.



3. Look at the picture and tick (✓) the correct words.

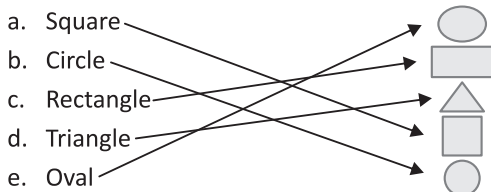
a. A boy is sitting on/under the tree.

b. Birds are on/under the tree.



**Chapter 2 : Shapes**

1. Match the following:



2. Name the following plane shapes.

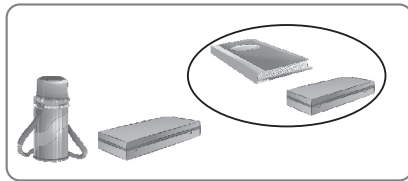
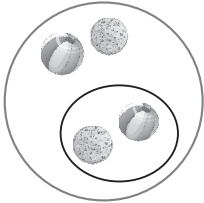
- a. CIRCLE                      b. SQUARE                      c. OVAL  
 d. TRIANGLE                      e. RECTANGLE

3. What is my name?

- a. Square                      b. Circle                      c. Triangle                      d. Rectangle

**NCERT Corner**

Draw round objects in  and long objects in .

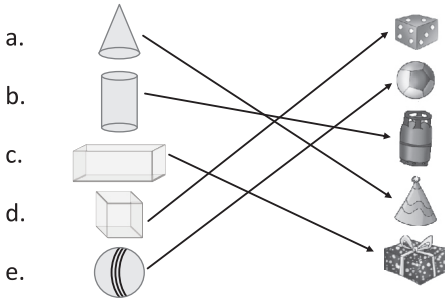


**Solid Shapes**

1. Fill in the blanks with the solid shapes.

- a. A football is like a **sphere**.  
 b. A **cone** gets thinner and thinner at the top.  
 c. The sides of a **cuboid** are rectangular in shape.

2. Match the shapes with the objects.

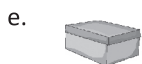
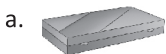


3. Write the names of shapes. Also, colour them.

- a. CONE                      b. CONE                      c. SPHERE                      d. CUBOID                      e. CYLINDER

**Rolling and Sliding**

Tick (✓) the object which can roll and cross (X) the one which can slide :



i.



j.



k.



l.



### NCERT Corner

Do it yourself.

### Multiple choice Questions

Tick (✓) the correct choice :

1. b

2. c

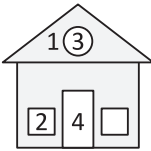
3. a.

4. b

5. a

### Test Exercise

1. Name the shapes that are numbered.



#### Shape

1. Triangle
2. Squar
3. Circle
4. Rectangle

2. Match the following.



Oval

Cylinder

Cube

Square

3. Write the name of the solid shape like a :

a. cylindrical

b. spherical

c. cuboid

d. cube

e. cone

4. Write the name of the shape of the following things.



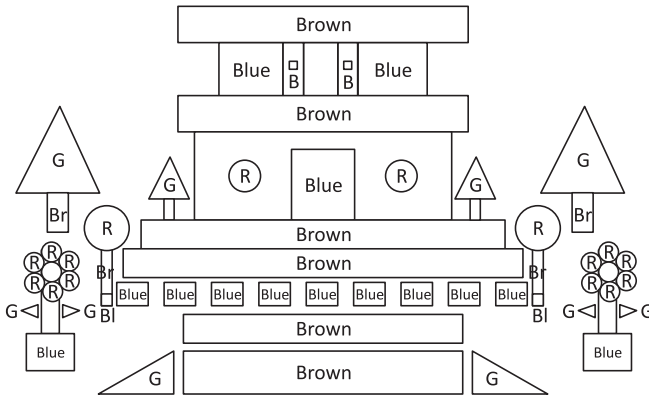
Cuboid

Sphere

Cone

Cylinder

5. Colour the  brown, the  red, the  green and the  blue.

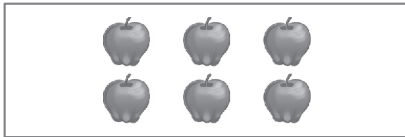


### Chapter-3 Numbers 1 to 9

Count and write the numbers from 1 to 9.

Do it yourself.

Count and write the number and number name. One has been done for you.



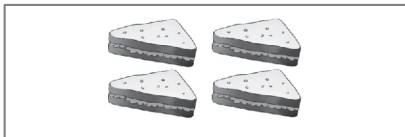
6

Six



5

Five



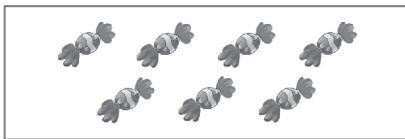
4

Four



1

One



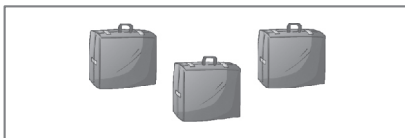
7

Seven



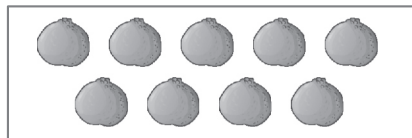
1

One



3

Three



9

Nine

Count the fruits in each row and match with the correct number and number name. One has been done for you.

5 → Five

3 → Three

4 → Four

6 → Six

8 → Eight

9 → Nine

2 → Two

7 → Seven

### Counting Back

Now, count backwards from the given number in each of the following :

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| 9 | 8 | 7 | 6 | 5 | 4 |
| 6 | 5 | 4 | 3 | 2 | 1 |
| 8 | 7 | 6 | 5 | 4 | 3 |
| 7 | 6 | 5 | 4 | 3 | 2 |

### Before, Between and After

1. Write the number just After each of these numbers?

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| 2 | 2 | 3 | 4 | 6 | 7 |
| 4 | 4 | 1 | 2 | 7 | 8 |
| 5 | 5 | 8 | 9 |   |   |

2. Write the number just Before each of these numbers?

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| 1 | 2 | 2 | 3 | 4 | 5 |
| 6 | 7 | 3 | 8 | 8 | 9 |
| 5 | 6 | 3 | 4 |   |   |

3. Write the number comes Between two numbers?

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 4 | 5 | 6 | 5 | 6 | 7 | 6 | 7 | 8 |
| 1 | 2 | 3 | 2 | 3 | 4 | 7 | 8 | 9 |
| 6 | 7 | 8 | 3 | 4 | 5 |   |   |   |

4. Fill in the blanks :

- a. 7 is between 6 and 8.                      b. 1 is between 0 and 2.  
 c. 8 is just after 7.                              d. 4 is just before 5.

5. Write all the numbers between :

- a. 3 and 6                      4 5  
 b. 5 and 9                      6 7 8  
 c. 3 and 9                      4 5 6 7 8

### Comparing Numbers

More, Less and Equal

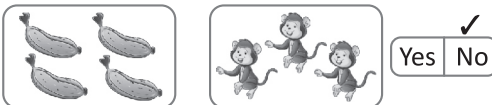
1. Tick (✓) the set that has more objects.

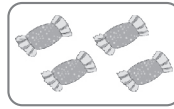
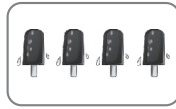


2. Tick (✓) the set that has less objects.





3. Do the following sets have the same number of objects? Tick (✓) the 'Yes' or 'No'.











Yes No



1. Fill in the blanks using the sign  $>$  or  $<$  :




 $7 > 6$ 
  
 7 is **greater** than 6


 $4 < 5$ 
  
 4 is **less** than 5


 $2 < 4$ 
  
 2 is **less** than 4



 $3 < 6$ 
  
 3 is **less** than 6



 $2 < 7$ 
  
 2 is **less** than 7


 $5 > 3$ 
  
 5 is **less** than 3

2. Write the correct symbol  $=$ ,  $>$  or  $<$  to make each sentence true. One has been done for you.

  
 $3 < 5$

  
 $4 = 4$

  
 $4 > 3$

3. Fill in the blanks shapes with the correct sign  $<$ ,  $=$  or  $>$ .

$9 > 7$   
 $7 > 6$   
 $3 < 5$

$6 = 6$   
 $1 > 0$   
 $4 < 9$

$9 > 5$   
 $4 > 0$   
 $6 > 4$

4. Circle the biggest number in the box :

5 3  
 (7) 6

6 1  
 2 (8)

1 (7)  
 4 5

3 2  
 (8) 4

(8) 2  
 7 6

### Increasing and Decreasing Orders

1. Write in increasing order :

- a. 1, 5, 0, 8, 7, 9
- b. 3, 9, 6, 8, 5, 2
- c. 4, 8, 7, 9, 2, 1
- d. 7, 3, 2, 9, 6, 4

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| 0 | 1 | 5 | 7 | 8 | 9 |
| 2 | 3 | 5 | 6 | 8 | 9 |
| 1 | 2 | 4 | 7 | 8 | 9 |
| 2 | 3 | 4 | 6 | 7 | 9 |

- e. 5, 3, 6, 4, 8, 7, 1  
 f. 7, 2, 4, 6, 5, 1, 3

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 1 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |

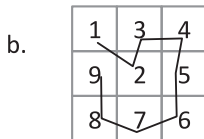
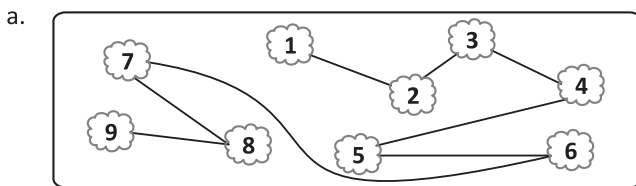
2. Write in decreasing order :

- a. 2, 5, 8, 1, 9, 6  
 b. 9, 4, 7, 3, 8, 0  
 c. 5, 8, 1, 9, 6, 3  
 d. 7, 6, 2, 3, 1, 5, 8  
 e. 7, 3, 2, 4, 6, 8, 5  
 f. 8, 9, 6, 7, 3, 4, 2

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 9 | 8 | 6 | 5 | 7 | 2 | 1 |
| 9 | 8 | 7 | 4 | 3 | 0 |   |
| 9 | 8 | 6 | 5 | 3 | 1 |   |
| 8 | 7 | 6 | 5 | 3 | 2 | 1 |
| 8 | 7 | 6 | 5 | 4 | 3 | 2 |
| 9 | 8 | 7 | 6 | 4 | 3 | 2 |

**NCERT Corner**

1. Draw a path from numbers 1 to 9 in the correct order. The lines should not cross each other.



2. A naughty monkey shuffled the number cards. Write them in a correct order from the smallest to the largest.

- 2 3 5 6 8

**Addition Within Nine**

Add the following numbers :


- |             |             |
|-------------|-------------|
| $1 + 5 = 6$ | $9 + 0 = 9$ |
| $7 + 2 = 9$ | $7 + 1 = 8$ |
| $2 + 3 = 5$ | $3 + 4 = 7$ |
| $3 + 1 = 4$ | $5 + 3 = 8$ |
| $3 + 3 = 6$ | $3 + 5 = 8$ |
| $4 + 2 = 6$ | $7 + 2 = 9$ |
| $6 + 1 = 7$ | $4 + 2 = 6$ |

**Vertical Addition**

Count and add :


|     |
|-----|
| 6   |
| + 2 |
| 8   |

6 plus 2 equals 8.  
 6 and 2 are 8.



$$\begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array}$$

4 plus 1 equals 5 .  
4 and 1 are 5 .



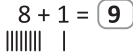
$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

7 plus 2 equals 9 .  
7 and 2 are 9 .

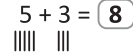
### Zero in Addition

1. Add by drawing lines. One has been done for you.

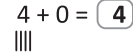
a.  $8 + 1 = 9$



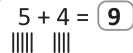
b.  $5 + 3 = 8$



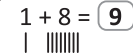
c.  $4 + 0 = 4$



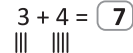
d.  $5 + 4 = 9$



e.  $1 + 8 = 9$



f.  $3 + 4 = 7$



2. Add vertically :

a.  $\begin{array}{r} 4 \text{ } \text{||||} \\ + 1 \text{ } | \\ \hline 1 \end{array}$

b.  $\begin{array}{r} 4 \text{ } \text{||||} \\ + 3 \text{ } \text{|||} \\ \hline 7 \end{array}$

c.  $\begin{array}{r} 2 \text{ } \text{||} \\ + 7 \text{ } \text{|||||} \\ \hline 9 \end{array}$

d.  $\begin{array}{r} 6 \text{ } \text{||||} \\ - 1 \text{ } | \\ \hline 5 \end{array}$

e.  $\begin{array}{r} 9 \text{ } \text{|||||} \\ - 8 \text{ } \text{||||} \\ \hline 1 \end{array}$

f.  $\begin{array}{r} 8 \text{ } \text{|||||} \\ - 3 \text{ } \text{|||} \\ \hline 5 \end{array}$

g.  $\begin{array}{r} 9 \text{ } \text{|||||} \\ - 6 \text{ } \text{|||} \\ \hline 3 \end{array}$

h.  $\begin{array}{r} 7 \text{ } \text{||||} \\ - 2 \text{ } \text{||} \\ \hline 5 \end{array}$

i.  $\begin{array}{r} 6 \text{ } \text{||||} \\ - 4 \text{ } \text{|||} \\ \hline 2 \end{array}$

### Subtraction Within Nine

1. Subtract the following. One has been done for you.

a.  $\begin{array}{r} 5 \text{ } \text{||||} \\ - 3 \text{ } \text{||} \\ \hline 2 \end{array}$

b.  $\begin{array}{r} 7 \text{ } \text{|||||} \\ - 2 \text{ } \text{||} \\ \hline 5 \end{array}$

c.  $\begin{array}{r} 2 \text{ } \text{||} \\ - 0 \\ \hline 2 \end{array}$

d.  $\begin{array}{r} 5 \text{ } \text{||||} \\ - 4 \text{ } \text{|||} \\ \hline 1 \end{array}$

e.  $\begin{array}{r} 1 \text{ } | \\ - 0 \\ \hline 1 \end{array}$

f.  $\begin{array}{r} 6 \text{ } \text{||||} \\ - 3 \text{ } \text{|||} \\ \hline 3 \end{array}$

2. Find the difference.

$7 - 3 = 4$

$7 - 6 = 1$

$9 - 1 = 8$

$7 - 7 = 0$

$8 - 1 = 7$

$7 - 5 = 2$

$7 - 3 = 4$

$4 - 4 = 0$

$5 - 3 = 2$

$8 - 2 = 6$

$1 - 0 = 1$

$2 - 2 = 0$

$5 - 4 = 1$

$2 - 1 = 1$

$1 - 1 = 0$

**3. Subtract numbers in the vertical order.**

a. 
$$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$$

b. 
$$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$$

c. 
$$\begin{array}{r} 2 \\ - 2 \\ \hline \end{array}$$

d. 
$$\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$$

e. 
$$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$$

f. 
$$\begin{array}{r} 4 \\ - 3 \\ \hline \end{array}$$

g. 
$$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$$

h. 
$$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$$

i. 
$$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$$

j. 
$$\begin{array}{r} 6 \\ - 6 \\ \hline \end{array}$$

**NCERT Corner****1. Which two groups together have 8 fruits? Encircle them.****2. Which two groups together have 7 umbrellas? Encircle them.****3. Which are less in number? Cups or Spoons? Encircle them.****Word Problems**

- Number of balls on table = 7  
Number of balls which fell off the table = 2  
Number of balls left on table =  $7 - 2 = 5$   
5 balls were left on the table.
- Number of bird in the pond = 5  
Number of birds which joined them = 3  
Number of birds which were there altogether =  $5 + 3 = 8$   
So, 8 birds are altogether.
- Number of toy cars = 8  
Number of Rita took cars = 5  
 $8 - 5 = 3$   
So, 3 cars were left in the box.

**Multiple choice Questions**

Tick (✓) the correct choice :

- b
- b
- a
- a

## MENTAL MATHS

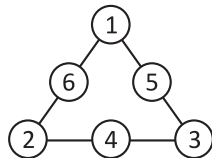
1. Use addition and subtraction to make number 7. Do not repeat the numbers.

$2 + 5 = 7$

$4 + 3 = 7$

$9 - 2 = 7$

2. Write the numbers 4, 5 and 6 on the cups so that the sum of each sides is 9.



### Test Exercise

1. Write the number names for :

a. 6 Six

b. 7 Seven

c. 5 Five

d. 9 Nine

e. 3 Three

f. 2 Two

g. 4 Four

h. 1 One

2. Write the numerals for :

a. one 1

b. five 5

c. seven 7

d. ten 10

e. eight 8

f. two 2

3. Write the number :

before

after

in between

5 6

8 9

1 2 3

1 2

5 6

7 8 9

4. Circle the smallest number :

a. 5 9 ① 3

b. 5 ② 6 7

5. Circle the greatest number :

a. 4 6 8 ⑨

b. 5 2 6 ⑦

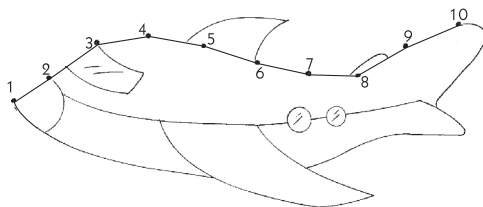
6. Arrange these numbers in ascending order.

a. 1 3 4 6 8

b. 1 3 4 5 7

## Chapter-4 Number 10 to 20

Join the numerals in sequence and colour the picture.



### Counting upto 20



1

ten

and




1

ones



=



eleven



11


1 ten and 
2 ones = 12 twelve




1 ten and 
3 ones = 13 thirteen




1 ten and 
4 ones = 14 fourteen


1 ten and 
5 ones = 15 fifteen


1 ten and 
6 ones = 16 sixteen


1 ten and 
7 ones = 17 seventeen


1 ten and 
8 ones = 18 eighteen


1 ten and 
9 ones = 19 nineteen



**1. Write the numerals :**

|          |    |          |    |           |    |
|----------|----|----------|----|-----------|----|
| Ten      | 10 | Twelve   | 12 | Seventeen | 17 |
| Twenty   | 20 | Fifteen  | 15 | Sixteen   | 16 |
| Eleven   | 11 | Nineteen | 19 | Thirteen  | 13 |
| Fourteen | 14 | Eighteen | 18 |           |    |

**2. Write the numbers from 1 to 20 :**

1 2 3 4 5 6 7 8 9 10  
11 12 13 14 15 16 17 18 19 20

**3. Write the numbers from 20 to 1 :**

20 19 18 17 16 15 14 13 12 11  
10 9 8 7 6 5 4 3 2 1

**4. Write the number names :**

|               |                |
|---------------|----------------|
| 13 = Thirteen | 11 = Eleven    |
| 12 = Twelve   | 20 = Twenty    |
| 19 = Nineteen | 15 = Fifteen   |
| 16 = Sixteen  | 17 = Seventeen |

18 = Eighteen

14 = Fourteen

5. Match the pictures to the correct numbers and number names :

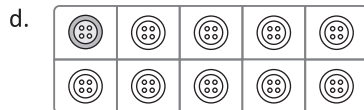
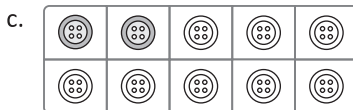
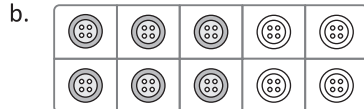
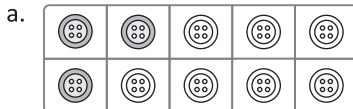
13 → Fifteen  
16 → Twenty  
15 → Sixteen  
18 → Eleven  
20 → Eighteen  
11 → Thirteen

### NCERT Corner

1. Count and draw beads to make a string of 10 beads.

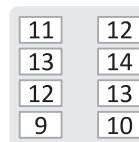
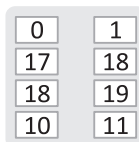
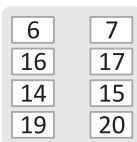


2. Draw buttons to make a ten frame of buttons.

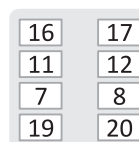
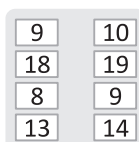
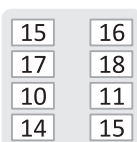


### Before, After and Between

Write the number which comes just before.



Write the number which comes just after.



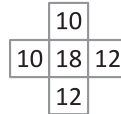
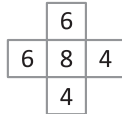
Write the number which comes in between.

|    |    |    |
|----|----|----|
| 6  | 9  | 8  |
| 14 | 15 | 16 |
| 17 | 18 | 19 |
| 16 | 17 | 18 |

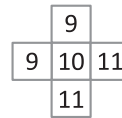
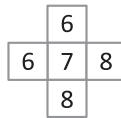
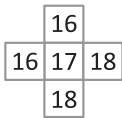
|    |    |    |
|----|----|----|
| 1  | 2  | 3  |
| 10 | 11 | 12 |
| 7  | 8  | 9  |
| 11 | 12 | 13 |

|    |    |    |
|----|----|----|
| 9  | 10 | 11 |
| 18 | 19 | 20 |
| 5  | 6  | 7  |
| 4  | 5  | 6  |

**Crossword Puzzle**

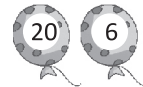
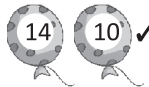
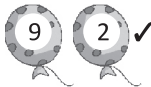
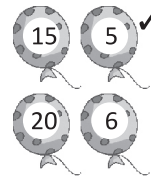
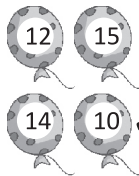
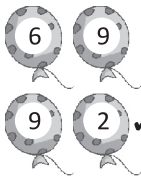


Hint : Use what comes after and before.

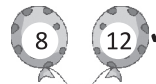
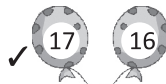
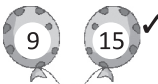
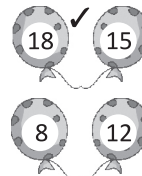
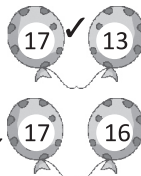
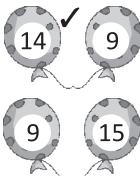


**Smaller and Bigger**

Tick (✓) the smaller number in each pair :



Tick (✓) the bigger number in each pair :



Compare and fill in the  with  $>$ ,  $<$  or  $=$ .

|    |     |    |
|----|-----|----|
| 8  | $<$ | 15 |
| 18 | $>$ | 17 |
| 17 | $>$ | 7  |
| 11 | $>$ | 10 |

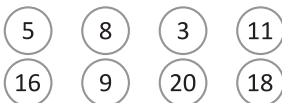
|    |     |    |
|----|-----|----|
| 11 | $<$ | 15 |
| 15 | $<$ | 16 |
| 12 | $=$ | 12 |
| 10 | $<$ | 12 |

|    |     |    |
|----|-----|----|
| 19 | $<$ | 14 |
| 15 | $>$ | 11 |
| 13 | $>$ | 16 |
| 19 | $>$ | 16 |

|    |     |    |
|----|-----|----|
| 18 | $<$ | 10 |
| 19 | $>$ | 18 |
| 9  | $>$ | 19 |
| 20 | $>$ | 19 |

**Smaller and Bigger**

Use the number strip and pick out the smallest and biggest number :



|    |    |    |
|----|----|----|
| 17 | 15 | ②  |
| 13 | ⑪  | 16 |
| 17 | ⑩  | 19 |
| 12 | ⑪  | 15 |
| ①  | 19 | 13 |
| 12 | 12 | ⑧  |

|    |    |    |
|----|----|----|
| 17 | 19 | ⑳  |
| 15 | 18 | ③① |
| 7  | ⑭  | 3  |
| 14 | ⑲  | 10 |
| 10 | ⑳  | 17 |
| 14 | 13 | ⑮  |

Ring the biggest number :

|    |    |    |
|----|----|----|
| 15 | 18 | ⑳  |
| 17 | 19 | ⑳  |
| 14 | ⑰  | 16 |
| 7  | ⑲  | 14 |
| 14 | ⑲  | 10 |

|    |    |    |
|----|----|----|
| 13 | ⑰  | 14 |
| 11 | 10 | ⑱  |
| 19 | ⑳  | 18 |
| 13 | ⑲  | 12 |
| 12 | ⑰  | 14 |

|    |    |    |
|----|----|----|
| 14 | ⑰  | 15 |
| 16 | ⑲  | 11 |
| 10 | 12 | ⑱  |
| ⑬  | 11 | 9  |
| 15 | ⑲  | 11 |

Arrange the numbers

ascending order

|    |    |    |    |
|----|----|----|----|
| 5  | 16 | 8  | 11 |
| 5  | 8  | 11 | 16 |
| 13 | 7  | 4  | 15 |
| 4  | 7  | 13 | 15 |

descending order

|    |    |    |    |
|----|----|----|----|
| 11 | 20 | 12 | 18 |
| 11 | 12 | 18 | 20 |
| 13 | 19 | 5  | 3  |
| 3  | 5  | 13 | 19 |

Arrange these numbers in ascending order:

- a. 8, 15, 13, 7, 19                      7, 8, 13, 15, 19  
 b. 15, 20, 11, 17, 8                      8, 11, 15, 17, 20  
 c. 11, 17, 16, 13, 19                      11, 13, 16, 17, 19  
 d. 19, 13, 16, 11, 15                      11, 13, 15, 16, 19

Arrange these numbers in descending order:

- a. 4, 17, 13, 11, 14                      17, 14, 13, 11, 4  
 b. 11, 17, 9, 18, 20                      20, 18, 17, 11, 9,  
 c. 8, 19, 15, 7, 10                      19, 15, 10, 8, 7  
 d. 19, 13, 11, 15, 13                      19, 15, 13, 13, 11

Multiple choice Questions

Tick (✓) the correct choice :

1. b      2. b      3. a      4. a

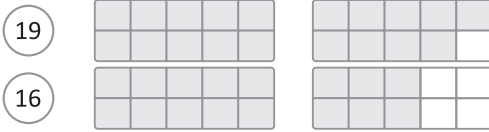
NCERT Corner

1. Colour the tens frames to show the number.

⑭

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |



2. Write down the numbers in sequence.

|    |    |    |    |    |
|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  |
| 10 | 9  | 8  | 7  | 6  |
| 11 | 12 | 13 | 14 | 15 |
| 20 | 19 | 18 | 17 | 16 |

3. Encircle a group of ten in the pictures and match with the number.

### Test Exercise

1. Find out how many tens and ones are there.



| Ten | Ones |
|-----|------|
| 1   | 7    |



| Ten | Ones |
|-----|------|
| 1   | 5    |

2. Put a circle around the biggest number.

(a) 12, 19, 7                      (b) 13, 15, 9                      (c) 18, 14, 17

3. Put a circle around the smallest number.

(a) 12, 18, 10                      (b) 9, 12, 3                      (c) 5, 10, 6

4. Put in >, < or = sign in the boxes.

(a) 10 < 15                      (b) 14 > 13                      (c) 11 < 17

(d) 13 > 12                      (e) 17 < 18                      (f) 15 > 13

5. Which number comes just after :

(a) 13 14                      (b) 17 18                      (c) 18 19

6. Which number comes in-between :  
 (a) 11 **12** 13                      (b) 15 **16** 17                      (c) 18 **19** 20
7. Which number comes just before :  
 (a) **12** 13                              (b) **15** 16                              (c) **19** 20
8. Arrange these numbers in ascending order:  
 a. 12, 15, 17, 11, 14                      11, 12, 14, 15, 17  
 b. 20, 16, 19, 18, 10                      10, 16, 18, 19, 20  
 c. 1, 9, 11, 15, 8                              1, 8, 9, 11, 15
9. Arrange these numbers in descending order:  
 a. 13, 12, 11, 19, 5                              19, 15, 13, 12, 11  
 b. 20, 15, 14, 16, 18                              20, 18, 16, 15, 14  
 c. 3, 5, 7, 15, 17                              17, 15, 7, 5, 3

### Chapter-5 Addition and Subtraction up to 10

Add by counting forward.



$$7 + 3 = \boxed{10}$$



$$6 + 3 = \boxed{9}$$



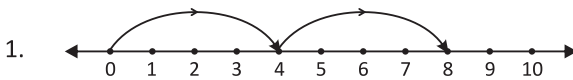
$$9 + 1 = \boxed{10}$$



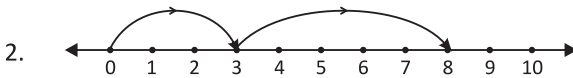
$$4 + 4 = \boxed{8}$$

### Addition on the Number Line

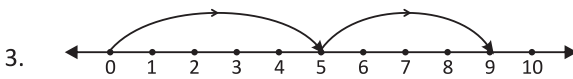
Add the following by using the number line.



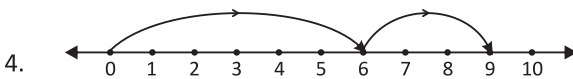
$$\boxed{4} + \boxed{4} = \boxed{8}$$



$$\boxed{3} + \boxed{5} = \boxed{8}$$



$$\boxed{5} + \boxed{4} = \boxed{9}$$



$$\boxed{6} + \boxed{3} = \boxed{9}$$

## Properties of Addition

Do the following :

$2 + 0 = \boxed{2}$

$6 + 0 = \boxed{6}$

$3 + 0 = \boxed{3}$

$7 + 0 = \boxed{7}$

$0 + 4 = \boxed{4}$

$6 + 3 = \boxed{9}$

Try these!

$2 + 1 = \boxed{3}$

$4 + 1 = \boxed{5}$

$3 + 1 = \boxed{4}$

$6 + 1 = \boxed{7}$

### Adding 2, 3 and 4 to a Number

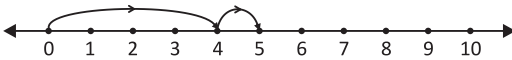
|            |   |
|------------|---|
| <b>+ 2</b> |   |
| 2          | 4 |
| 3          | 5 |
| 4          | 6 |
| 5          | 7 |

|            |   |
|------------|---|
| <b>+ 3</b> |   |
| 3          | 6 |
| 4          | 7 |
| 5          | 8 |
| 6          | 9 |

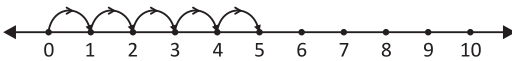
|            |    |
|------------|----|
| <b>+ 4</b> |    |
| 4          | 5  |
| 5          | 4  |
| 6          | 10 |
| 7          | 11 |

Use the number line to add :

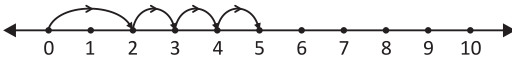
$4 + 1 = 5$



$1 + 4 = 5$



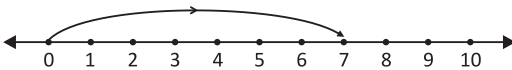
$2 + 3 = 5$



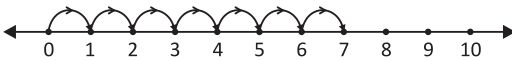
$3 + 2 = 5$



$7 + 0 = 7$



$0 + 7 = 7$



Adding both ways :

Add across

|          |   |   |
|----------|---|---|
| <b>+</b> |   |   |
| 5        | 2 | 7 |
| 3        | 4 | 7 |

|          |   |   |
|----------|---|---|
| <b>+</b> |   |   |
| 3        | 5 | 8 |
| 2        | 6 | 8 |

|          |   |   |
|----------|---|---|
| <b>+</b> |   |   |
| 8        | 1 | 9 |
| 4        | 3 | 7 |

**Add down**

$$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array} \quad \begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$$

**Adding across and down :**

$$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$$

**Vertical Addition**

**Add :**

b. 
$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

c. 
$$\begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$$

d. 
$$\begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array}$$

e. 
$$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$$

f. 
$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$

g. 
$$\begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$$

h. 
$$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$$

i. 
$$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array}$$

j. 
$$\begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array}$$

k. 
$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

l. 
$$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$$

**Add :**

$$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 0 \\ + 9 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 9 \\ + 1 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 1 \\ + 9 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 8 \\ + 1 \\ \hline 9 \end{array}$$

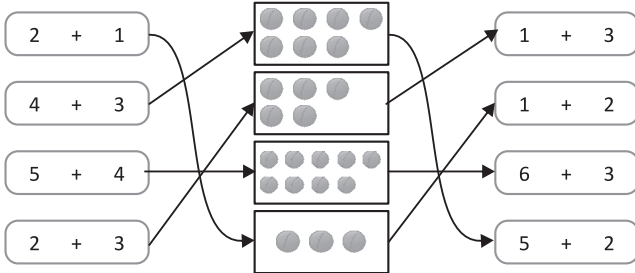
$$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array}$$

**Add and Match :**



### Adding Three Numbers

Count, add and write the numbers in the boxes :

$1 + 1 + 2 = \boxed{4}$

$4 + 2 + 0 = \boxed{6}$

$3 + 3 + 1 = \boxed{7}$

$5 + 3 + 1 = \boxed{9}$

$2 + 3 + 1 = \boxed{6}$

$2 + 3 + 3 = \boxed{8}$

$3 + 4 + 2 = \boxed{9}$

$3 + 3 + 3 = \boxed{9}$

$2 + 2 + 2 = \boxed{6}$

$2 + 2 + 0 = \boxed{4}$

Add three numbers vertically by counting forward.

$$\begin{array}{r} 4 \\ + 3 \\ + 5 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 2 \\ + 4 \\ + 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ + 3 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 7 \\ + 1 \\ + 3 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ + 2 \\ \hline 6 \end{array}$$

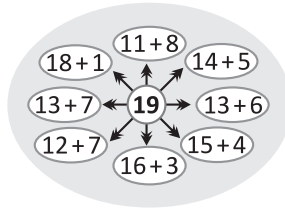
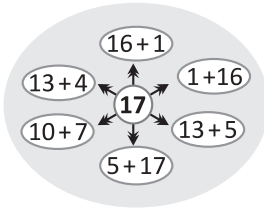
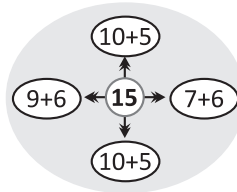
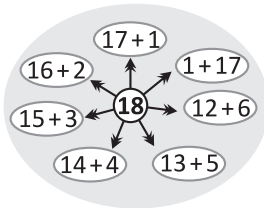
$$\begin{array}{r} 6 \\ + 3 \\ + 5 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ + 2 \\ \hline 12 \end{array}$$

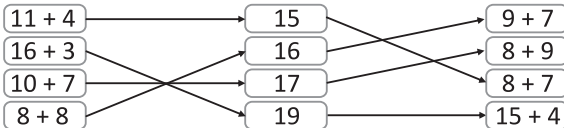
$$\begin{array}{r} 6 \\ + 0 \\ + 1 \\ \hline 7 \end{array}$$

### NCERT Corner

1. Fill up the number pairs.



2. Add and match the following.



Observe the picture to fill the boxes. First one has been done for you.

2. There are 8 mangoes. If you take away 4 you are left with mangoes. 4

Subtract :

$4 - 0 = 4$

$6 - 4 = 2$

$8 - 3 = 5$

$9 - 8 = 1$

$4 - 1 = 3$

$6 - 6 = 0$

$8 - 4 = 4$

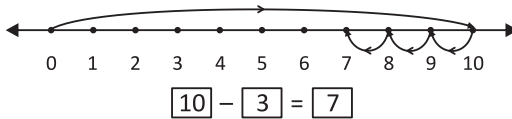
$9 - 9 = 0$

|             |             |             |               |
|-------------|-------------|-------------|---------------|
| $4 - 3 = 1$ | $7 - 0 = 7$ | $8 - 5 = 3$ | $10 - 0 = 10$ |
| $4 - 4 = 0$ | $7 - 1 = 6$ | $8 - 6 = 2$ | $10 - 1 = 9$  |
| $5 - 0 = 5$ | $7 - 2 = 5$ | $8 - 7 = 1$ | $10 - 2 = 8$  |
| $5 - 1 = 4$ | $7 - 3 = 4$ | $8 - 8 = 0$ | $10 - 3 = 7$  |
| $5 - 2 = 3$ | $7 - 4 = 3$ | $9 - 0 = 9$ | $10 - 4 = 6$  |
| $5 - 4 = 1$ | $7 - 5 = 2$ | $9 - 1 = 8$ | $10 - 5 = 5$  |
| $5 - 5 = 0$ | $7 - 6 = 1$ | $9 - 2 = 7$ | $10 - 6 = 4$  |
| $6 - 0 = 6$ | $7 - 7 = 0$ | $9 - 3 = 6$ | $10 - 7 = 3$  |
| $6 - 1 = 5$ | $8 - 0 = 8$ | $9 - 4 = 5$ | $10 - 8 = 2$  |
| $6 - 2 = 4$ | $8 - 1 = 7$ | $9 - 5 = 4$ | $10 - 9 = 1$  |
| $6 - 3 = 3$ | $8 - 2 = 6$ | $9 - 6 = 3$ | $10 - 10 = 0$ |

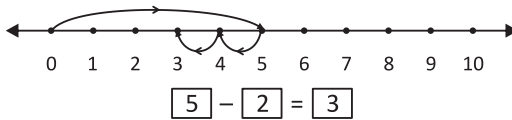
### Subtraction on the Number Line

Subtract the following numbers by using the number line.

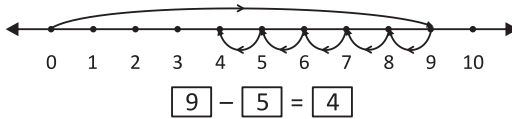
- a. Subtract 3 from 10.



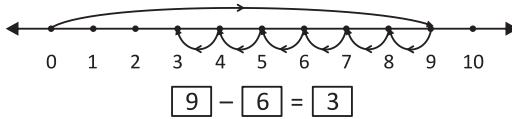
- b. Subtract 2 from 5.



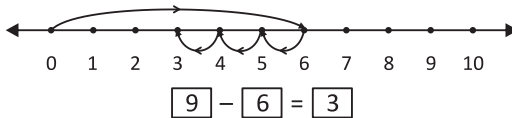
- c. Subtract 5 from 9.



- d. Subtract 6 from 9.



- e. Subtract 3 from 6.



### Subtracting One

When we subtract one from a number, we get the number just before the given number.



$$5 - 1 = 4$$



$$8 - 1 = 7$$

Subtract and write the numbers in the boxes :

$$7 - 7 = 0$$

$$1 - 1 = 0$$

$$7 - 0 = 7$$

$$2 - 2 = 0$$

Try these!

$$8 - 1 = 7$$

$$6 - 1 = 5$$

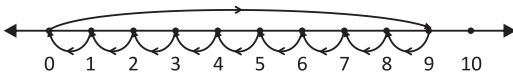
$$5 - 1 = 4$$

$$3 - 1 = 2$$

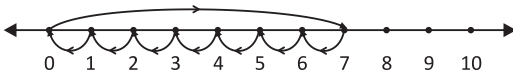
$$7 - 1 = 6$$

$$9 - 1 = 8$$

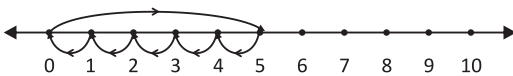
Use the number line to subtract and write the answer in the boxes :



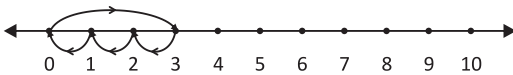
$$9 - 9 = 0$$



$$7 - 7 = 0$$



$$5 - 5 = 0$$



$$3 - 3 = 0$$

Subtract by drawing dots and crossing out.

a.

$$\begin{array}{r} 3 \text{ ///} \\ - 2 \\ \hline 1 \end{array}$$

b.

$$\begin{array}{r} 4 \text{ ///} \\ - 2 \\ \hline 6 \end{array}$$

c.

$$\begin{array}{r} 6 \text{ ///} \\ - 3 \\ \hline 3 \end{array}$$

d.

$$\begin{array}{r} 7 \text{ ///} \\ - 4 \\ \hline 3 \end{array}$$

e.

$$\begin{array}{r} 8 \text{ ///} \\ - 5 \\ \hline 3 \end{array}$$

f.

$$\begin{array}{r} 9 \text{ ///} \\ - 3 \\ \hline 6 \end{array}$$

g. 
$$\begin{array}{r} 9 \text{ .....} \\ - 4 \\ \hline 5 \end{array}$$

h. 
$$\begin{array}{r} 7 \text{ .....} \\ - 3 \\ \hline 4 \end{array}$$

i. 
$$\begin{array}{r} 2 \text{ ..} \\ - 1 \\ \hline 1 \end{array}$$

**Subtract :**

$$\begin{array}{r} 10 \\ - 8 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 7 \\ - 5 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 7 \\ - 6 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$$

**NCERT Corner**

- Jump 3 steps back from 9.  
 $9 - 3 = 6$
- Jump 4 steps back from 7.  
 $7 - 4 = 3$
- Do the subtraction in your own way.
 

|                |                |
|----------------|----------------|
| a. $8 - 2 = 6$ | b. $6 - 3 = 3$ |
| c. $7 - 3 = 4$ | d. $5 - 1 = 4$ |
| e. $9 - 5 = 4$ | f. $4 - 2 = 2$ |

**Word Problems**

- Number of Red balls = 6  
Number of green balls = 4  
Total balls altogether =  $6 + 4 = 10$   
So, there are 10 balls altogether in the box.
- Number of pencils had = 6  
Number of pencil he gave to Raman = 3  
Pencils left with Mohan =  $6 - 3 = 3$   
So, Mohan left with 3 pencils.
- Number of flowers Vicky had = 5  
Number of flowers Jyoti gave him = 3  
Total flowers Vicky had now =  $5 + 3 = 8$
- Number of apples Babita had = 8  
Number of apples given to Mohan = 3  
Number of apples left with Babita =  $8 - 3 = 5$
- Number of books in a book store = 8  
Number of books in another book store = 3  
Total number of books =  $8 + 3 = 11$   
Therefore the total number of books altogether in both the shelves is 11 books.
- Number of boys playing in the park = 9  
Number of boys who went home = 4  
Number of boys which are left in the park =  $9 - 4 = 5$

7. Number of children playing in park = 5  
 Number of children joined = 4  
 Now, number of children playing in the park now =  $5 + 4 = 9$
8. Number of birds sitting on a tree = 7  
 Number of birds which flew away = 5  
 Number of birds which are left on the tree =  $7 - 5 = 2$
9. Number of parrots on tree = 3  
 Number of other parrots which come on the tree = 3  
 Total parrots on the tree now =  $3 + 3 = 6$
10. Height of Yash = 5 feet  
 Height of Saloni = 4 feet  
 Yash is taller than Saloni by  $(5 - 4)$  feet = a foot
11. Number of apples eaten by Ravi in morning = 2  
 Number of apples eaten by Ravi in evening = 2  
 Total quantity of apples he eat in a day =  $2 + 2 = 4$   
 $\therefore$  Ravi eats 4 apples in a day.
12. Number of candles burning on Kavita's cake = 6  
 Number of candles she blew off = 5  
 Number of candles which were left burning =  $6 - 5 = 1$
13. Number of toy cars Sangeeta has = 4  
 Number of toy aeroplanes = 2  
 Total toys she have =  $4 + 2 = 6$
14. Number of cups = 6  
 Number of cups which got broken = 2  
 Number of cups left in the Kitchen now =  $6 - 2 = 4$
15. Number of mangoes lying on the ground = 3  
 Number of mangoes fell down = 2  
 Now, Number of mangoes lying on the ground =  $3 + 2 = 5$
16. Length of classroom = 9 m  
 Breadth of classroom = 5 m  
 Different between the length and breadth of classroom =  $9 \text{ m} - 5 \text{ m} = 4 \text{ m}$
17. Number of sons Rajeev have = 6  
 Number of daughters Rajeev have = 3  
 Total children Rajeev have  $(6 + 3) = 9$
18. Number of glass on table = 9  
 Number of glass which fall on the floor = 4  
 Number of glass which will be left on table =  $9 - 4 = 5$
19. Chapatis eaten by Radha in morning = 2  
 Chapatis eaten by Radha in evening = 3  
 Number of Chapatis Radha made during a day =  $2 + 3 = 5$

20. Sweets taken by Saif = 6  
 Total sweets = 8  
 Therefore  $(8 - 6) = 2$  sweets left in the bag.
21. Initially, number of monkeys = 5  
 One Monkey joined them  
 $\therefore$  total number of monkeys which are there on the tree now =  $5 + 1 = 6$
22. Number of balloons Raju had = 7  
 Number of balloons which burst out = 2  
 Number of balloons left which Raju now =  $7 - 2 = 5$
23. Number of dolls Amit has = 4  
 Number of dolls Sunita has = 3  
 Number of dolls they have altogether =  $4 + 3 = 7$
24. Number of children matching the cricket match were 8  
 Number of children who went home = 2  
 Number of children who are still matching the cricket match =  $8 - 2 = 6$
25. Number of pencils Ashi had = 3  
 Number of pencils Ashi bought = 2  
 Now, she have  $(3+2) = 5$  pencils.
26. Number of girls playing in the play ground = 5  
 Number of girls who went home = 8  
 Number of girls who are still playing in the playground =  $5 - 3 = 2$
27. Number of butterflies in a garden = 6  
 Number of butterflies which came in = 3  
 Number of butterflies in the garden now =  $6 + 3 = 9$
28. Number of flowers a plant had = 12  
 Flowers picked up by Seema = 5  
 Number of flowers left were =  $12 - 5 = 7$
29. Total words Saloni had written = 12  
 Number of words which were correct = 8  
 Number of words which were written incorrect =  $12 - 8 = 4$
30. Number of sweets in a box = 7  
 Yash ate 3 of them sweets left =  $7 - 3 = 4$
31. Number of children who like Bournvita = 7  
 Number of children who like Complian = 4  
 The number of children who like Bournvita than Complian =  $7 - 4 = 3$
32. Number of balloons = 8  
 Number of balloons which get burst = 5  
 Balloon left with him =  $8 - 5 = 3$

### Multiple choice Questions

Tick (✓) the correct choice :

1. b    2. a    3. a    4. a    5. a    6. b    7. b  
8. b

### MENTAL MATHS

Magic square with sum = 6

|   |   |   |
|---|---|---|
| 1 | 3 | 2 |
| 3 | 2 | 1 |
| 2 | 1 | 3 |

Magic square with sum = 9

|   |   |   |
|---|---|---|
| 2 | 5 | 2 |
| 3 | 3 | 3 |
| 4 | 1 | 4 |

### Test Exercise

1. Use the number line to find the sum.

a.  $3 + 3$



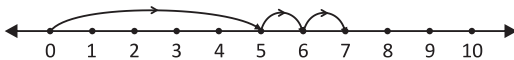
so,  $3 + 3 = 6$

b.  $6 + 2$



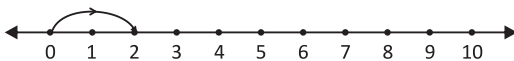
so,  $6 + 2 = 8$

c.  $5 + 2$



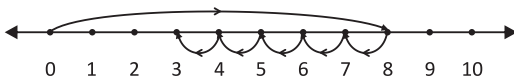
Hence  $5 + 2 = 7$

d.  $2 + 0$

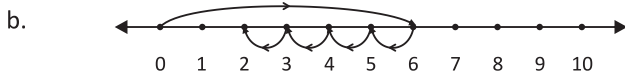


2. Subtract on number line.

a.



$8 - 5 = 2$



$$6 - 4 = 2$$

3. Find the sum (add vertically).

a.

|     |
|-----|
| 3   |
| + 6 |
| 9   |

b.

|     |
|-----|
| 7   |
| + 2 |
| 9   |

c.

|     |
|-----|
| 4   |
| + 5 |
| 9   |

d.

|     |
|-----|
| 6   |
| + 1 |
| 7   |

e.

|     |
|-----|
| 5   |
| + 3 |
| 8   |

4. Subtract horizontally :

a.  $5 - 2 = 3$

b.  $3 - 2 = 1$

c.  $8 - 6 = 2$

d.  $5 - 4 = 1$

5. Fill in the blanks to complete the addition grid.

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| + | 2 | 3 | 4 | 1 | 5 | 6 |
| 1 | 3 | 4 | 5 | 2 | 6 | 7 |

6. Subtract vertically.

a.

|     |
|-----|
| 6   |
| - 1 |
| 5   |

b.

|     |
|-----|
| 7   |
| - 1 |
| 6   |

c.

|     |
|-----|
| 8   |
| - 1 |
| 7   |

d.

|     |
|-----|
| 9   |
| - 1 |
| 8   |

e.

|     |
|-----|
| 6   |
| - 2 |
| 4   |

7. Add three numbers vertically by counting forward.

a.

|     |
|-----|
| 2   |
| 2   |
| + 2 |
| 6   |

b.

|     |
|-----|
| 4   |
| 3   |
| + 1 |
| 8   |

c.

|     |
|-----|
| 3   |
| 3   |
| + 3 |
| 9   |

d.

|     |
|-----|
| 4   |
| 2   |
| + 7 |
| 13  |

e.

|     |
|-----|
| 5   |
| 4   |
| + 5 |
| 14  |

8. Solve the following :

- a. Number of sweets in a box = 7  
 Number of sweets Yash ate = 3  
 Number of sweets left =  $7 - 3 = 4$

- b. Number of birds on a tree = 8  
 Number of birds which flew away = 5  
 Number of birds left =  $8 - 5 = 3$

- c. Let number x should be added to 3 to make it 8  
 $x + 3 = 8$   
 $x = 8 - 3 = 5$

Hence, number 5 should be added to 3 to make it 8.

- d. Number of yellow kites Monu has = 6  
 Number of green kites Monu has = 3  
 Total kites Monu have in all =  $6 + 3 = 9$

- e. Number of monkeys on tree = 5  
 Number of monkeys joined them = 2  
 Therefore, number of monkeys =  $5 + 2 = 7$   
 there on the tree now

## Chapter 6 Addition and Subtraction up to 20

### Count and Add

b.  $\begin{array}{c} \text{●●●●●} \\ \boxed{7} \\ \text{and} \\ \boxed{7} \end{array}$  and  $\begin{array}{c} \text{●●●●●} \\ \boxed{6} \\ \text{and} \\ \boxed{6} \end{array}$  make  $\begin{array}{c} \text{●●●●●} \\ \boxed{1} \end{array}$  ten and  $\begin{array}{c} \text{●●●} \\ \boxed{3} \end{array}$  ones  
 $\boxed{7} + \boxed{6} = \boxed{13}$

---

c.  $\begin{array}{c} \text{●●●●●} \\ \boxed{8} \\ \text{and} \\ \boxed{8} \end{array}$  and  $\begin{array}{c} \text{●●●●●} \\ \boxed{7} \\ \text{and} \\ \boxed{7} \end{array}$  make  $\begin{array}{c} \text{●●●●●} \\ \boxed{1} \end{array}$  ten and  $\begin{array}{c} \text{●●●} \\ \boxed{3} \end{array}$  ones  
 $\boxed{8} + \boxed{7} = \boxed{15}$

---

d.  $\begin{array}{c} \text{●●●●●} \\ \boxed{5} \\ \text{and} \\ \boxed{5} \end{array}$  and  $\begin{array}{c} \text{●●●●●●} \\ \boxed{9} \\ \text{and} \\ \boxed{9} \end{array}$  make  $\begin{array}{c} \text{●●●●●} \\ \boxed{1} \end{array}$  ten and  $\begin{array}{c} \text{●●●} \\ \boxed{4} \end{array}$  ones  
 $\boxed{5} + \boxed{9} = \boxed{14}$

---

e.  $\begin{array}{c} \text{●●●●●} \\ \boxed{10} \\ \text{and} \\ \boxed{10} \end{array}$  and  $\begin{array}{c} \text{●●●●●} \\ \boxed{5} \\ \text{and} \\ \boxed{5} \end{array}$  make  $\begin{array}{c} \text{●●●●●} \\ \boxed{1} \end{array}$  ten and  $\begin{array}{c} \text{●●●●●} \\ \boxed{5} \end{array}$  ones  
 $\boxed{10} + \boxed{5} = \boxed{15}$

---

f.  $\begin{array}{c} \text{●●●●●} \\ \boxed{7} \\ \text{and} \\ \boxed{7} \end{array}$  and  $\begin{array}{c} \text{●●●●●} \\ \boxed{10} \\ \text{and} \\ \boxed{10} \end{array}$  make  $\begin{array}{c} \text{●●●●●} \\ \boxed{1} \end{array}$  ten and  $\begin{array}{c} \text{●●●●●} \\ \boxed{7} \end{array}$  ones  
 $\boxed{7} + \boxed{10} = \boxed{17}$

### Addition

Count the lines and write the answer:

$$\begin{array}{r} \boxed{7} \text{ |||||} \\ + \boxed{9} \text{ |||||} \\ \hline \boxed{16} \end{array}$$

$$\begin{array}{r} \boxed{6} \text{ |||||} \\ + \boxed{4} \text{ |||} \\ \hline \boxed{10} \end{array}$$

$$\begin{array}{r} \boxed{5} \text{ ||||} \\ + \boxed{8} \text{ |||||} \\ \hline \boxed{13} \end{array}$$

Draw the lines, count them, and write the answers:

$$\begin{array}{r} \boxed{7} \text{ |||||} \\ + \boxed{8} \text{ |||||} \\ \hline \boxed{15} \end{array}$$

$$\begin{array}{r} \boxed{9} \text{ |||||} \\ + \boxed{4} \text{ |||} \\ \hline \boxed{13} \end{array}$$

$$\begin{array}{r} \boxed{3} \text{ |||} \\ + \boxed{8} \text{ |||||} \\ \hline \boxed{11} \end{array}$$

Add and write the answer in the  $\square$ .

a.  $\begin{array}{r} \boxed{7} \\ + \boxed{5} \\ \hline \boxed{12} \end{array}$

b.  $\begin{array}{r} \boxed{4} \\ + \boxed{6} \\ \hline \boxed{10} \end{array}$

c.  $\begin{array}{r} \boxed{7} \\ + \boxed{6} \\ \hline \boxed{13} \end{array}$

d.  $\begin{array}{r} \boxed{8} \\ + \boxed{4} \\ \hline \boxed{12} \end{array}$

e.  $\begin{array}{r} \boxed{9} \\ + \boxed{4} \\ \hline \boxed{13} \end{array}$

$$\begin{array}{r} 7 \\ + 7 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 3 \\ + 8 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 4 \\ + 7 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array}$$

Add and write the answer in the .

$$\begin{array}{r} 10 \\ + 2 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 10 \\ + 6 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 7 \\ + 10 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 11 \\ + 3 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 12 \\ + 5 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 15 \\ + 3 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 16 \\ + 1 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 15 \\ + 4 \\ \hline 19 \end{array}$$

$$\begin{array}{r} 11 \\ + 7 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 5 \\ + 13 \\ \hline 18 \end{array}$$

### Addition with Counting

Add using the number strip.

$$\begin{array}{r} 7 \\ + 8 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 2 \\ + 9 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 3 \\ + 8 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 7 \\ + 4 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 4 \\ + 8 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 7 \\ + 9 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 8 \\ + 5 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 6 \\ + 8 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 5 \\ + 6 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 6 \\ + 7 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 9 \\ + 7 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 8 \\ + 8 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 9 \\ + 6 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 9 \\ + 5 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$$

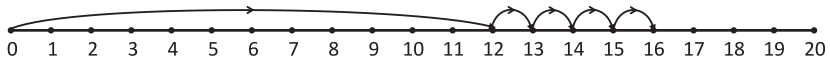
### NCERT Corner

- 7 tomatoes and 5 tomatoes altogether make 12 tomatoes.  $7 + 5 = 12$
- 9 carrots in one basket and 4 carrots in another basket.  $9 + 4 = 13$
- 8 radishes in one basket and 8 radishes in another basket.  $8 + 8 = 16$

### Addition Using Number Line

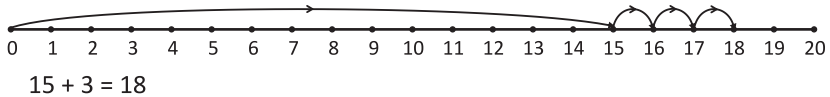
Use the number line to add the following :

a.

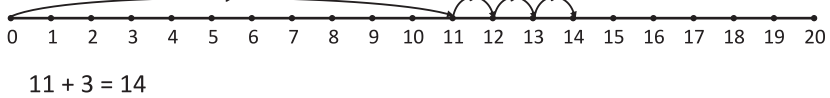


$$12 + 4 = 16$$

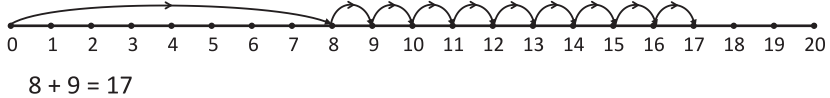
b.



c.

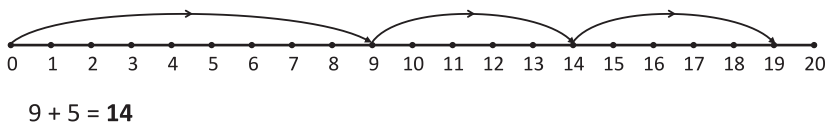
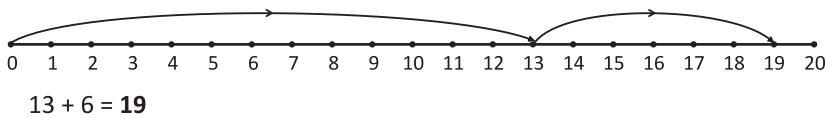
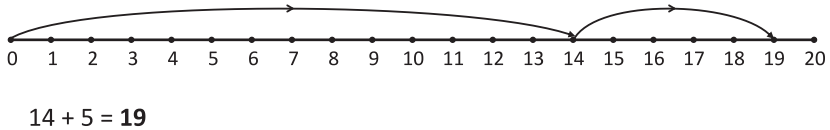


d.



### Add on the number line

a.



### Word Problems

- Number of stamps Manish had = 15  
Number of stamps his father gave him = 4  
Total stamps Manish have now =  $15 + 4 = 19$
- Number of bananas = 12  
Number of oranges = 6  
Number of fruits which are there in basket =  $12 + 6 = 8$
- Marks got in one test = 9  
Marks got in other test = 8  
Total marks he get =  $9 + 8 = 17$
- Number of stamps bought by Sita = 10  
Number of stamps bought by her brother = 7  
Total stamps they bought together =  $20 + 7 = 17$
- Number of boys Vasu invited = 11  
Number of girls Vasu invited = 8  
Total children he invited for the party =  $11 + 8 = 19$

6. Number of books Peter has to buy for himself = 12  
 Number of books Peter has to buy for his sister = 5  
 Total number of books Peter have to buy = 12 + 5 = 17
7. Number fo children who are playing cricket = 13  
 Number of children into joins them = 6  
 Total number of children who are playing cricket now = 13 + 6 = 19

### Subtraction

18 carrots in all. 6 carrots are taken away.

|   |   |
|---|---|
| T | O |
| 1 | 8 |
| - | 6 |
| 1 | 2 |

18 carrots – 6 carrots = 12 carrots.

**Cross out the lines and write the answers:**

- a.  $\begin{array}{r} 12 \\ + 4 \\ \hline 8 \end{array}$       b.  $\begin{array}{r} 16 \\ + 7 \\ \hline 9 \end{array}$       c.  $\begin{array}{r} 18 \\ + 8 \\ \hline 10 \end{array}$       d.  $\begin{array}{r} 14 \\ + 9 \\ \hline 5 \end{array}$

**Draw lines, cross out those which are subtracted and write your answers:**

- a.  $\begin{array}{r} 11 \\ - 3 \\ \hline 8 \end{array}$       b.  $\begin{array}{r} 13 \\ - 7 \\ \hline 6 \end{array}$       c.  $\begin{array}{r} 12 \\ - 6 \\ \hline 6 \end{array}$
- d.  $\begin{array}{r} 16 \\ - 11 \\ \hline 5 \end{array}$       e.  $\begin{array}{r} 18 \\ - 12 \\ \hline 6 \end{array}$       f.  $\begin{array}{r} 20 \\ - 8 \\ \hline 12 \end{array}$

**Subtract by making dots and crossing out.**

- a.  $\begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array}$       b.  $\begin{array}{r} 15 \\ - 7 \\ \hline 8 \end{array}$
- c.  $\begin{array}{r} 10 \\ - 0 \\ \hline 10 \end{array}$       d.  $\begin{array}{r} 16 \\ - 4 \\ \hline 12 \end{array}$
- e.  $\begin{array}{r} 11 \\ - 8 \\ \hline 3 \end{array}$       f.  $\begin{array}{r} 17 \\ - 7 \\ \hline 10 \end{array}$

Subtract. Write the answer in the .

a. 
$$\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$$

b. 
$$\begin{array}{r} 11 \\ - 7 \\ \hline \end{array}$$

c. 
$$\begin{array}{r} 13 \\ - 6 \\ \hline \end{array}$$

d. 
$$\begin{array}{r} 17 \\ - 5 \\ \hline \end{array}$$

e. 
$$\begin{array}{r} 14 \\ - 9 \\ \hline \end{array}$$

f. 
$$\begin{array}{r} 18 \\ - 7 \\ \hline \end{array}$$

g. 
$$\begin{array}{r} 19 \\ - 6 \\ \hline \end{array}$$

h. 
$$\begin{array}{r} 15 \\ - 5 \\ \hline \end{array}$$

i. 
$$\begin{array}{r} 12 \\ - 8 \\ \hline \end{array}$$

j. 
$$\begin{array}{r} 10 \\ - 4 \\ \hline \end{array}$$

k. 
$$\begin{array}{r} 11 \\ - 5 \\ \hline \end{array}$$

l. 
$$\begin{array}{r} 13 \\ - 8 \\ \hline \end{array}$$

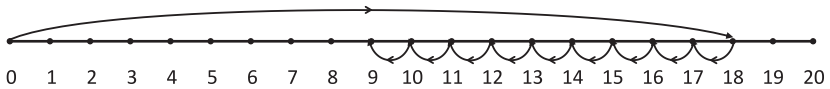
m. 
$$\begin{array}{r} 17 \\ - 6 \\ \hline \end{array}$$

n. 
$$\begin{array}{r} 14 \\ - 6 \\ \hline \end{array}$$

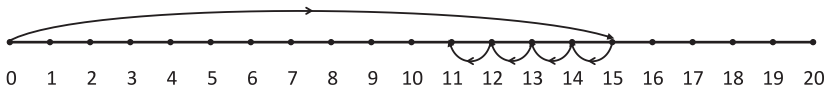
o. 
$$\begin{array}{r} 18 \\ - 5 \\ \hline \end{array}$$

Use the number line to subtract :

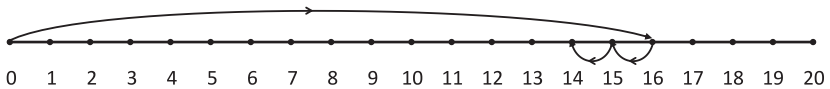
a.  $18 - 9 = 9$



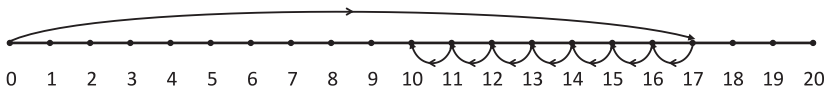
b.  $15 - 4 = 11$



c.  $16 - 2 = 14$



d.  $17 - 7 = 10$



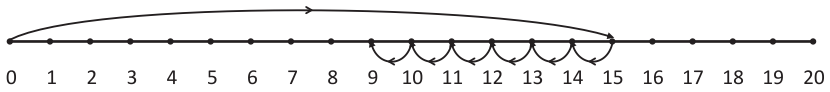
Subtract on the Number Line

b.



$12 - 4 = 8$


c.





$$15 - 6 = \boxed{9}$$


### NCERT Corner


Subtract with some more numbers.

1.   
 $16 - 4 = \boxed{12}$


2.   
 $12 - 5 = \boxed{7}$


3.   
 $14 - 7 = \boxed{7}$

4.   
 $16 - 6 = \boxed{10}$

5.   
 $15 - 8 = \boxed{7}$

6.  $15 - 0 = \boxed{15}$

7.   
 $17 - 9 = \boxed{8}$

8.   
 $13 - 3 = \boxed{10}$

### Word Problems

- Number of balloons balloon seller had = 18  
 Number of balloon he sold = 7  
 Number fo balloons left with him =  $18 - 7 = 11$   
 So, 11 balloons are left with him.
- Number of story books Manish had = 16  
 Number of story books he gave to his friends = 5  
 Number of story book left with him =  $16 - 5 = 11$
- Number of stamps Satish had = 19  
 Number of stamps he lost = 7  
 Number of stamps he have now =  $19 - 7 = 12$
- Number of flowers picked by Keya = 15  
 Number of flower she gave to her mother = 6  
 Number of flowers left with her =  $15 - 6 = 9$
- Number of birds sitting on tree = 14  
 Number of birds which fly away = 8  
 Number of birds which are left on the tree =  $14 - 8 = 6$

6. Number of dolls Geeta had = 16  
 Number of dolls she gave to poor children = 9  
 Total dolls she now have =  $16 - 9 = 7$
7. Number of oranges bought by Mr. Ras = 18  
 Number of oranges eaten by his children = 7  
 Number of oranges left =  $18 - 7 = 11$
8. Number of toys Tina has = 8  
 Number of toys Anil has = 12  
 Tina has more toys than Anil by =  $(12 - 8) = 4$
9. Number of marks got by Deepa = 18  
 Number of marks got by Anil = 9  
 Difference in number of marks =  $18 - 9 = 9$   
 So, Deepa got 9 marks more than Anil get.
10. Age of Priya = 15  
 Age of her brother Vimal = 8  
 Priya is older than Vimal by  $15 - 8 = 7$  years.

### Multiple choice Questions

Tick (✓) the correct choice :

1. a                      2. b                      3. b                      4. a

### MENTAL MATHS

In the grid of numbers given below, there are 10 hidden addition problems. One has been show to you.

|           |   |               |           |           |    |
|-----------|---|---------------|-----------|-----------|----|
| 3 +4 =7   | 6 | 2             | 0         | 1 +5 =6   | 8  |
| 9         | 0 | 5             | 3         | 2         | 1  |
| 7         | 6 | 5             | 4         | 3         | 4  |
| 1         | 2 | 8             | 4         | 5         | 3  |
| 9         | 2 | 2             | 1         |           |    |
| 6         | 0 | 7             | 4         | 0         | 4  |
| 8         | 3 | 2             | 1         | 3 = 2 + 1 |    |
| +3        | 3 | 8             | 7         | 3         | +2 |
| 1         | 9 | 5             | 3         |           |    |
| =9        | 6 | 6 = 3 + 3 = 6 | 2         | 3         | 4  |
| 2         | 3 | 4             | 8         |           |    |
| 0         | 3 | 5             | 0         | 8         | 2  |
| 4         | 4 | 1             | 3         | 4 = 1 + 3 |    |
| 1         | 4 | 4             | 7 = 1 + 6 | 5         | 6  |
| 1         | 3 | 5             | 6         | 1         | 3  |
| 2         | 2 | 9             | 0         | 1         | 8  |
| 7         | 0 | 1             | 2         |           |    |
| 4 + 1 = 5 | 0 | 1             | 4         | 4 + 3 = 7 | 9  |

### Test Exercise

1. Add the following :

a. 
$$\begin{array}{r} 8 \\ + 7 \\ \hline 15 \end{array}$$

b. 
$$\begin{array}{r} 11 \\ + 7 \\ \hline 18 \end{array}$$

c. 
$$\begin{array}{r} 9 \\ + 9 \\ \hline 18 \end{array}$$

d. 
$$\begin{array}{r} 15 \\ + 4 \\ \hline 19 \end{array}$$

2. Subtract the following :

a. 
$$\begin{array}{r} 18 \\ + 5 \\ \hline 13 \end{array}$$

b. 
$$\begin{array}{r} 11 \\ + 3 \\ \hline 8 \end{array}$$

c. 
$$\begin{array}{r} 12 \\ + 8 \\ \hline 4 \end{array}$$

d. 
$$\begin{array}{r} 15 \\ + 7 \\ \hline 8 \end{array}$$

3. Tick (✓) the correct answer :

a. (ii)

b. (i)

4. Fill in the blanks and boxes.

a.  $6 + 6 + 0$  is **12**.

b. 8 plus 7 minus 5 is **10**.

c.  $3 + 13 = 16$ .

d.  $20 - 1 = 19$ .

e. Arun sees 18 ducks. 7 ducks swim away. Now, Arun sees **11** ducks.

f. 10 girls are jumping the rope. 5 girls join them. Now, **15** girls are jumping the rope.

g. Priya has 7 marbles. Neeta gives her 9 more marbles. Priya now has **16** marbles.

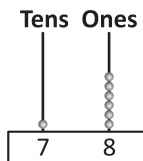
h. Shekhar has 15 stamps. He gives 6 stamps to Abhishek. Shekhar now has **9** stamps.

5. Show the number that equals  $5 + 4 + 7$  on the abacus.

$5 + 4 + 7 = 16$

and  $16 = 10 + 6$

$= 1 \text{ ten} + 6 \text{ ones}$



## Chapter-7 Measurement

### Bigger & Smaller

1. Tick (✓) the smallest animal :



2. Tick (✓) the biggest vehicle :



### Longer and Shorter

1. Tick (✓) the longest snake :



2. Tick (✓) the longest snake :

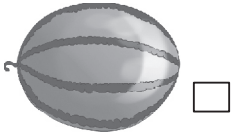



**Heavier and Lighter**

1. Tick (✓) the lightest one :

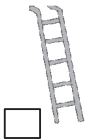



2. Tick (✓) the heaviest fruit :

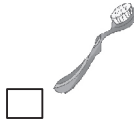




Tick (✓) the longer object and cross (X) the shorter object:










Find the length of the following :

Do it yourself.

Answer the following questions :

Which is longer : cubit or hand-span?

**Cubit**

Which is shorter : hand span or cubit?

**Handspan**

Which is longer : finger or pace?

**Pace**

Which is shorter : pace or cubit?

**Cubit**

Tick (✓) the correct option :

Length of a chalk can be measured by :

finger

pace

hand-span

Length of a stick can be measured by :

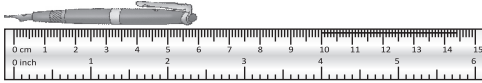
finger

pace

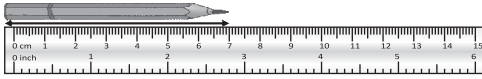
hand-span

**Measuring the Length of an Object using a Ruler**

1. Write the length of the following.



The length of the pen = 6 cm.

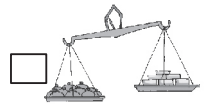


The length of the pencil = 7 cm.

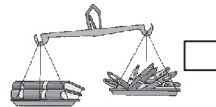
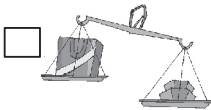
2. Do it yourself.

**Measurement of Weight**

Tick ( ) under the heavier one.



Tick ( ) under the lighter one.



Fill in the blanks with 'less than', or 'more than' or 'equal to' as the case may be.



The weight of pumpkin is **more than** 2 kg.



The weight of apples is **equal** 1 kg.



The weight of tomatoes is **less than** 1 kg.

**Measurement of Capacity**

Tick (✓) the container which can hold the more liquid :



We can use cups, mugs, small vessels, buckets to measure how much liquid is there.



The bucket can hold 12 mugs of water.



So, the capacity of bucket is 12 mugs.



The bottle can hold four glasses of water.

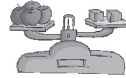
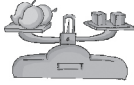


So, the capacity of bottle is **4** glasses.

Name two liquid you drink every day : **water** and **coldrink**.

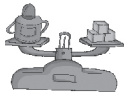
**Look at the balances and fill in the blanks.**

Four apples weigh the same as **2** blocks.



3 mangoes weigh the same as **2** blocks.

2 garlic bulbs weigh the same as **7** block.



The water bottle weighs the same as **3** blocks.

A banana weighs the same as **1** block.



### NCERT Corner

- It is important to take water in a bucket for bathing instead of shower or running uses less water.
- Do it yourself.
- Easier to carry**  
keys, phone, water bottle, wallets
- Do it yourself.

**Difficult to carry**  
sofas, beds, refrigerators, glass furniture

### Multiple choice Questions

Tick (✓) the correct choice :

1. a      2. b      3. a      4. b

### MENTAL MATHS

State whether true or false.

- a. F      b. T      c. T      d. T

### Test Exercise

1. Write T for the tallest object and S for the shortest object.



2. Put a tick (✓) for the longest object and a cross (X) for the shortest object.



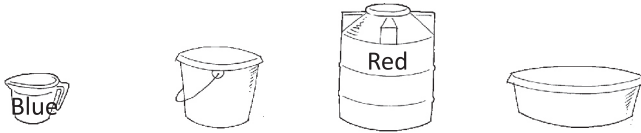
3. Write H for the heaviest and L for the lightest.



4. Tick (✓) the container with least capacity.



5. Colour the one that holds the most with red and the one that holds the least with blue.



### Chapter-8 Fun with Numbers (Numbers 21 to 99)

#### Counting upto 50

Write the number names :



1 ten → 10

Ten



2 tens → 20

Twenty



3 tens → 30

Thirty



4 tens → 40

Forty



5 tens → 50

Fifty

Trace the number from 21 to 30 :

21 22 23 24 25 26 27 28 29 30

Trace the number from 31 to 40 :

31 32 33 34 35 36 37 38 39 40

Trace the number from 41 to 50 :

41 42 43 44 45 46 47 48 49 50

Write the correct numbers in the blanks boxes:

2 tens + 7 ones = 27

31 = 3 tens and 1 one

2 tens + 6 ones = 26

48 = 4 tens and 8 ones

5 tens + 0 ones = 50

27 = 2 tens and 7 ones

3 tens + 3 ones = 33

39 = 3 tens and 9 ones

Write the numbers for the following:

Fifty

50

Twenty-six

26

Twenty-seven

27

Thirty-nine

39

Forty-two

42

Forty-seven

47

Thirty-eight

38

Twenty-one

21

Thirty

30

Nineteen

19

Write the number before, after or in between the given numbers.

before

after

in between

27 28

32 33

27 28 29




47 48

39 40

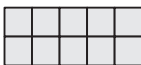
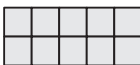
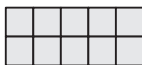


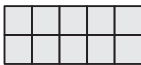
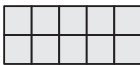
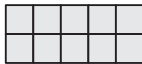

48 49 50

NCERT Corner

1. Count and write the number.

|  |    |
|--|----|
|   | 50 |
|   | 47 |
|  | 29 |

2. Fill up the tens frames to show the number. One has already been done for you.

|                         |   |   |   |
|-------------------------|---|---|---|
| <p>41<br/>Forty one</p> |  |  |  |
|                         |  |  |   |
| <hr/>                   |   |   |   |
| <p>30<br/>Thirty</p>    |  |  |  |
|                         |  |   |   |

## Comparison of Number

Put the sign of  $>$ ,  $<$  or  $=$ .

|    |     |    |
|----|-----|----|
| 21 | $>$ | 19 |
| 50 | $>$ | 05 |
| 16 | $>$ | 06 |
| 23 | $<$ | 46 |
| 30 | $=$ | 30 |
| 33 | $<$ | 43 |

|    |     |    |
|----|-----|----|
| 07 | $=$ | 07 |
| 07 | $<$ | 17 |
| 40 | $>$ | 04 |
| 33 | $=$ | 33 |
| 17 | $>$ | 10 |
| 39 | $=$ | 39 |

|    |     |    |
|----|-----|----|
| 13 | $>$ | 31 |
| 11 | $<$ | 31 |
| 47 | $>$ | 26 |
| 44 | $>$ | 16 |
| 13 | $=$ | 13 |
| 23 | $>$ | 13 |

Fill in the blanks  $>$  or  $<$  :

|    |     |    |
|----|-----|----|
| 47 | $>$ | 45 |
| 32 | $>$ | 21 |
| 37 | $<$ | 46 |
| 42 | $<$ | 47 |

|    |     |    |
|----|-----|----|
| 44 | $<$ | 45 |
| 22 | $<$ | 28 |
| 27 | $>$ | 25 |
| 37 | $>$ | 39 |

|    |     |    |
|----|-----|----|
| 16 | $>$ | 13 |
| 12 | $<$ | 31 |
| 41 | $>$ | 14 |
| 17 | $<$ | 35 |

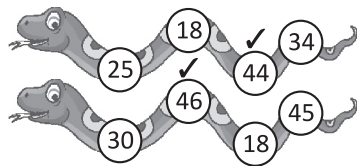
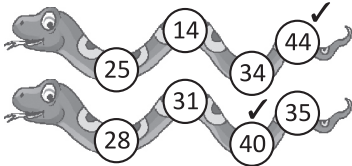
### Comparing Numbers

45, 16, 23, 31

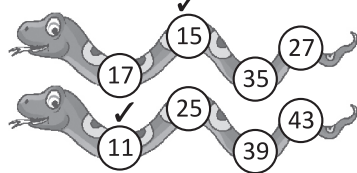
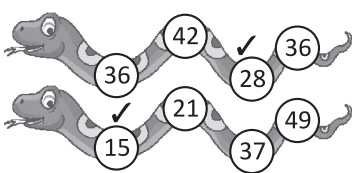
**Smallest**  
**16**

**Biggest**  
**45**

Tick (✓) the biggest number in each of the following :



Tick (✓) the smallest number in each of the following :



### Increasing and Decreasing Order

Write the numbers in increasing order :

|          |   |                            |
|----------|---|----------------------------|
| 14 to 20 | ⇒ | 14, 15, 16, 17, 18, 19, 20 |
| 10 to 15 | ⇒ | 10, 11, 12, 13, 14, 15     |
| 33 to 39 | ⇒ | 33, 34, 35, 36, 37, 38, 39 |
| 41 to 47 | ⇒ | 41, 42, 48, 44, 45, 46, 47 |

Write the numbers in decreasing order :

|          |   |                                    |
|----------|---|------------------------------------|
| 30 to 24 | ⇒ | 30, 29, 28, 27, 26, 25, 24         |
| 12 to 5  | ⇒ | 12, 11, 10, 9, 8, 7, 6, 5          |
| 46 to 39 | ⇒ | 46, 45, 44, 43, 42, 41, 40, 39     |
| 37 to 29 | ⇒ | 37, 36, 35, 34, 33, 32, 31, 30, 29 |

**Ascending and Descending Order**

Arrange these numbers in ascending order :

|    |    |  |    |    |    |
|----|----|--|----|----|----|
| 46 |    |  |    |    | 50 |
| 36 |    |  |    | 46 |    |
| 22 |    |  | 36 |    |    |
| 50 | 82 |  |    |    |    |

|    |    |    |   |  |    |
|----|----|----|---|--|----|
| 40 |    |    |   |  | 36 |
|    | 36 |    |   |  | 01 |
|    |    | 21 |   |  | 40 |
|    |    |    | 1 |  | 21 |

|    |   |  |    |    |    |
|----|---|--|----|----|----|
| 03 |   |  |    |    | 48 |
| 48 |   |  |    | 73 |    |
| 16 |   |  | 16 |    |    |
| 23 | 3 |  |    |    |    |

|    |    |    |   |  |    |
|----|----|----|---|--|----|
| 41 |    |    |   |  | 10 |
|    | 21 |    |   |  | 21 |
|    |    | 10 |   |  | 01 |
|    |    |    | 1 |  | 41 |

Arrange these numbers in descending order :

|    |    |    |    |
|----|----|----|----|
| 30 | 46 | 35 | 21 |
| 46 | 35 | 30 | 21 |

|    |    |    |    |
|----|----|----|----|
| 26 | 35 | 50 | 48 |
| 50 | 48 | 35 | 26 |

|    |    |    |    |
|----|----|----|----|
| 50 | 23 | 31 | 40 |
| 50 | 40 | 31 | 23 |

|    |    |    |    |
|----|----|----|----|
| 43 | 13 | 23 | 33 |
| 43 | 33 | 23 | 13 |

|    |    |    |    |
|----|----|----|----|
| 33 | 44 | 11 | 22 |
| 44 | 33 | 22 | 11 |

|    |    |    |    |
|----|----|----|----|
| 42 | 24 | 44 | 22 |
| 44 | 42 | 34 | 22 |

Fill in the missing numbers :

|    |    |    |    |    |    |
|----|----|----|----|----|----|
| 31 | 32 | 33 | 34 | 35 | 36 |
| 38 | 39 | 40 | 41 | 42 | 43 |
| 24 | 25 | 26 | 27 | 28 | 29 |

Write the number names in the box :

|    |        |    |            |
|----|--------|----|------------|
| 20 | Twenty | 36 | Thirty six |
|----|--------|----|------------|

30 Thirty

48 Forty eight

40 Forty

19 Nineteen

50 Fifty

25 Twenty five

Make groups of 10 and match the pictures with the numbers and then with the number names.

25

38

27

24

40

Thirty-eight

Forty

Twenty-five

Twenty-seven

Twenty-four

Write the numbers in tens and ones :

- 7 tens and 1 one
- 5 tens and 8 ones
- 6 tens and 2 ones
- 8 tens and 5 ones

| Tens | Ones |
|------|------|
| 7    | 1    |
| 5    | 8    |
| 6    | 2    |
| 8    | 5    |

- 9 tens and 5 ones
- 7 tens and 3 ones
- 4 tens and 7 ones
- 6 tens and 9 ones

| Tens | Ones |
|------|------|
| 9    | 5    |
| 7    | 3    |
| 4    | 7    |
| 6    | 9    |

Look at the abacus, count the beads and write the numbers :

b.

T O

2 tens 4 ones

24

c.

T O

6 tens 2 ones

62

d.

T O

2 tens 6 ones

26

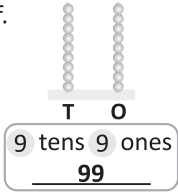
e.

T O

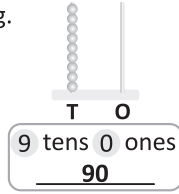
6 tens 0 ones

60

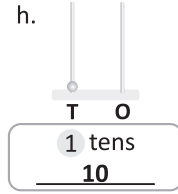
f.



g.



h.



Fill in the blanks and draw the correct number of beads on each abacus. One has been done for you.

$$\begin{aligned} 37 &= 3 \text{ tens} + 7 \text{ ones} \\ &= 30 + 7 \\ &= 37 \end{aligned}$$



$$\begin{aligned} 72 &= 7 \text{ tens} + 2 \text{ ones} \\ &= 70 + 2 \\ &= 72 \end{aligned}$$



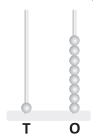
$$\begin{aligned} 24 &= 2 \text{ tens} + 4 \text{ ones} \\ &= 20 + 4 \\ &= 24 \end{aligned}$$



$$\begin{aligned} 86 &= 8 \text{ tens} + 6 \text{ ones} \\ &= 80 + 6 \\ &= 86 \end{aligned}$$



$$\begin{aligned} 18 &= 1 \text{ tens} + 8 \text{ ones} \\ &= 10 + 8 \\ &= 18 \end{aligned}$$



$$\begin{aligned} 49 &= 4 \text{ tens} + 9 \text{ ones} \\ &= 40 + 9 \\ &= 49 \end{aligned}$$



$$\begin{aligned} 76 &= 7 \text{ tens} + 6 \text{ ones} \\ &= 70 + 6 \\ &= 76 \end{aligned}$$



$$\begin{aligned} 45 &= 4 \text{ tens} + 5 \text{ ones} \\ &= 40 + 5 \\ &= 45 \end{aligned}$$



Write the number name.

14 fourteen

84 eight four

32 thirty two

22 twenty two

93 ninety-three

21 twenty one

28 twenty eight

66 sixty six

18 eighteen

35 thirty five

83 eighty-three

99 ninety-nine

46 forty six

30 thirty

60 sixty

58 fifty eight

64 sixty four

31 thirty one

|    |             |
|----|-------------|
| 36 | thirty-six  |
| 85 | eighty-five |
| 22 | twenty-two  |
| 20 | seventy     |
| 43 | forty-three |
| 55 | fifty-five  |

|     |              |
|-----|--------------|
| 62  | sixty-two    |
| 100 | hundred      |
| 8   | eight        |
| 80  | eighty       |
| 49  | forty-nine   |
| 98  | ninety-eight |

|    |               |
|----|---------------|
| 77 | seventy-seven |
| 11 | eleven        |
| 59 | fifty-nine    |
| 39 | thirty-nine   |
| 69 | sixty-nine    |
| 78 | seventy-eight |

### Expanded form

Write in the expanded form.

|    |   |   |      |   |   |      |   |    |   |   |
|----|---|---|------|---|---|------|---|----|---|---|
| 45 | = | 4 | tens | + | 5 | ones | = | 40 | + | 5 |
| 63 | = | 6 | tens | + | 3 | ones | = | 60 | + | 3 |
| 77 | = | 7 | tens | + | 7 | ones | = | 70 | + | 7 |
| 39 | = | 3 | tens | + | 9 | ones | = | 30 | + | 9 |
| 99 | = | 9 | tens | + | 9 | ones | = | 90 | + | 9 |

Write in the expanded form.

|    |   |    |   |   |       |    |   |    |   |   |
|----|---|----|---|---|-------|----|---|----|---|---|
| 43 | = | 40 | + | 3 | ..... | 46 | = | 40 | + | 6 |
| 33 | = | 30 | + | 3 | ..... | 55 | = | 50 | + | 5 |
| 56 | = | 50 | + | 6 | ..... | 19 | = | 10 | + | 9 |
| 62 | = | 50 | + | 2 | ..... | 22 | = | 20 | + | 2 |
| 29 | = | 20 | + | 9 | ..... | 37 | = | 30 | + | 7 |

### Before/After/Between

Fill in the as shown.

| Before | After  | Between  | Between  |
|--------|--------|----------|----------|
| 36 37  | 88 49  | 76 77 78 | 28 29 30 |
| 47 48  | 99 100 | 53 54 5  | 43 44 45 |
| 78 79  | 68 69  | 18 19 20 | 51 52 53 |

|    |    |    |    |    |    |     |    |    |     |
|----|----|----|----|----|----|-----|----|----|-----|
| 59 | 60 | 70 | 71 | 88 | 89 | 90  | 31 | 32 | 33  |
| 98 | 99 | 84 | 85 | 64 | 65 | 66  | 62 | 63 | 64  |
| 60 | 61 | 73 | 74 | 98 | 99 | 100 | 58 | 59 | 60  |
| 34 | 35 | 65 | 66 | 17 | 18 | 19  | 70 | 71 | 72  |
| 48 | 49 | 55 | 56 | 46 | 47 | 48  | 98 | 99 | 100 |
| 55 | 56 | 44 | 45 | 35 | 36 | 37  | 63 | 64 | 65  |
| 82 | 83 | 38 | 39 | 72 | 73 | 74  | 52 | 53 | 54  |
| 89 | 90 | 52 | 53 | 60 | 61 | 62  | 91 | 92 | 93  |
| 76 | 77 | 67 | 68 | 49 | 50 | 51  | 44 | 45 | 46  |

### Greater than/Less than

Compare and fill in the correct sign  $>$  or  $<$  or  $=$  .

|    |     |    |    |     |    |    |     |    |    |     |    |
|----|-----|----|----|-----|----|----|-----|----|----|-----|----|
| 10 | $>$ | 6  | 10 | $>$ | 7  | 10 | $>$ | 8  | 10 | $>$ | 9  |
| 10 | $=$ | 10 | 10 | $<$ | 11 | 10 | $<$ | 12 | 10 | $<$ | 13 |
| 20 | $<$ | 23 | 20 | $<$ | 22 | 20 | $<$ | 21 | 20 | $=$ | 20 |
| 20 | $>$ | 19 | 20 | $>$ | 18 | 20 | $>$ | 17 | 20 | $>$ | 16 |
| 15 | $>$ | 14 | 15 | $=$ | 15 | 15 | $<$ | 16 | 15 | $<$ | 17 |
| 37 | $>$ | 36 | 34 | $<$ | 35 | 34 | $=$ | 34 | 34 | $>$ | 33 |
| 46 | $>$ | 16 | 43 | $>$ | 33 | 78 | $>$ | 58 | 78 | $>$ | 61 |
| 78 | $>$ | 69 | 24 | $<$ | 26 | 35 | $<$ | 48 | 35 | $<$ | 41 |
| 32 | $>$ | 23 | 52 | $>$ | 25 | 41 | $>$ | 14 | 69 | $<$ | 96 |
| 17 | $<$ | 71 | 8  | $<$ | 61 | 8  | $<$ | 11 | 30 | $<$ | 80 |
| 63 | $>$ | 46 | 72 | $>$ | 62 | 88 | $>$ | 77 | 90 | $>$ | 80 |
| 48 | $<$ | 56 | 68 | $<$ | 73 | 89 | $>$ | 72 | 82 | $<$ | 94 |

Circle the smallest number with a blue crayon :

93 83 73 (63)  
 (50) 71 92 84  
 25 57 19 (82)

55 (28) 73 30  
 89 76 69 (53)  
 (13) 76 57 64

Circle the biggest number with a red crayon :

28 32 (76) 45

38 (98) 68 18

39 (83) 51 48

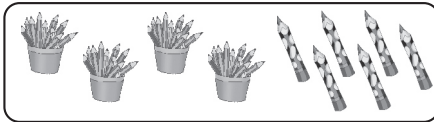
11 22 55 (88)

16 26 66 (96)

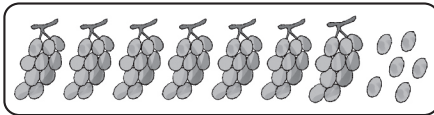
19 47 62 (75)

**NCERT Corner**

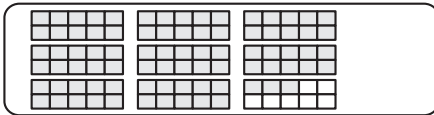
1. Count and write the numbers.



(46)



(76)



(83)

2. Make a slide and ladder game by filling the missing numbers.

|     |    |    |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|----|----|
| 100 | 99 | 98 | 97 | 96 | 95 | 94 | 93 | 92 | 91 |
| 90  | 89 | 88 | 87 | 86 | 85 | 84 | 83 | 82 | 81 |
| 80  | 79 | 78 | 77 | 76 | 75 | 74 | 73 | 72 | 71 |
| 70  | 69 | 68 | 67 | 66 | 65 | 64 | 63 | 62 | 61 |
| 60  | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 52 | 51 |
| 50  | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 |
| 40  | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 |
| 30  | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 |
| 20  | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 |
| 10  | 9  | 8  | 7  | 6  | 5  | 4  | 3  | 2  | 1  |

**Ascending Order**

Fill in the boxes by writing the numbers in the ascending order:

54 45 60 26 =

12 21 12 14 =

17 64 33 49 =

71 60 81 51 =

$$\begin{array}{cccc}
 14 & 40 & 30 & 16 \\
 15 & 90 & 70 & 75
 \end{array}
 =
 \begin{array}{|c|} \hline 6 \\ \hline \end{array}
 \begin{array}{|c|} \hline 14 \\ \hline \end{array}
 \begin{array}{|c|} \hline 30 \\ \hline \end{array}
 \begin{array}{|c|} \hline 40 \\ \hline \end{array}
 =
 \begin{array}{|c|} \hline 15 \\ \hline \end{array}
 \begin{array}{|c|} \hline 70 \\ \hline \end{array}
 \begin{array}{|c|} \hline 75 \\ \hline \end{array}
 \begin{array}{|c|} \hline 90 \\ \hline \end{array}$$

### Descending Order

Fill in the boxes by writing the numbers in the descending order:

$$\begin{array}{cccc}
 52 & 35 & 74 & 37 \\
 24 & 17 & 25 & 44 \\
 17 & 54 & 72 & 35 \\
 40 & 20 & 30 & 11 \\
 24 & 50 & 25 & 66 \\
 49 & 76 & 47 & 90
 \end{array}
 =
 \begin{array}{|c|} \hline 74 \\ \hline \end{array}
 \begin{array}{|c|} \hline 52 \\ \hline \end{array}
 \begin{array}{|c|} \hline 37 \\ \hline \end{array}
 \begin{array}{|c|} \hline 35 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 44 \\ \hline \end{array}
 \begin{array}{|c|} \hline 25 \\ \hline \end{array}
 \begin{array}{|c|} \hline 24 \\ \hline \end{array}
 \begin{array}{|c|} \hline 7 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 72 \\ \hline \end{array}
 \begin{array}{|c|} \hline 54 \\ \hline \end{array}
 \begin{array}{|c|} \hline 35 \\ \hline \end{array}
 \begin{array}{|c|} \hline 17 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 40 \\ \hline \end{array}
 \begin{array}{|c|} \hline 30 \\ \hline \end{array}
 \begin{array}{|c|} \hline 20 \\ \hline \end{array}
 \begin{array}{|c|} \hline 11 \\ \hline \end{array}$$

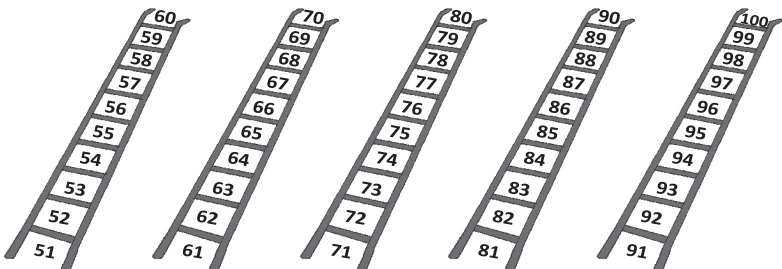
$$\begin{array}{|c|} \hline 66 \\ \hline \end{array}
 \begin{array}{|c|} \hline 50 \\ \hline \end{array}
 \begin{array}{|c|} \hline 25 \\ \hline \end{array}
 \begin{array}{|c|} \hline 24 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 90 \\ \hline \end{array}
 \begin{array}{|c|} \hline 76 \\ \hline \end{array}
 \begin{array}{|c|} \hline 49 \\ \hline \end{array}
 \begin{array}{|c|} \hline 47 \\ \hline \end{array}$$

Write the numbers from 51 to 100 :

|    |    |    |    |    |    |    |    |    |     |
|----|----|----|----|----|----|----|----|----|-----|
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60  |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70  |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80  |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90  |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

Write the numbers from 51 to 100 :



Write backward counting.

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 99 | 98 | 97 | 96 | 95 | 94 | 93 | 92 | 91 | 90 |
| 71 | 70 | 69 | 68 | 67 | 65 | 64 | 63 | 62 | 61 |
| 50 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 |

Match the following :

38 ———→ Seventy-two  
 93 ———→ Forty-nine  
 51 ———→ Thirty-eight  
 72 ———→ Ninety-three  
 49 ———→ Fifty-one

83 ———→ Eighty-six  
 45 ———→ Forty-six  
 86 ———→ Forty-five  
 46 ———→ Twenty-one  
 21 ———→ Eighty-three

**NCERT Corner**

Do it yourself.

**Multiple choice Questions**

Tick (✓) the correct choice :

1. (b) 2. (a) 3. (b) 4. (b) 5. (b) 6. (a) 7. (a) 8. (b)

### MENTAL MATHS

Count the tens starting from ten and find their number names in the word search and then fill in the blanks with correct number names.

- 1 ten = Ten  
 2 tens = Twenty  
 3 tens = Thirty  
 4 tens = Forty  
 5 tens = Fifty  
 6 tens = Sixty  
 7 tens = Seventy  
 8 tens = Eight  
 9 tens = Ninety  
 10 tens = Hundred

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| X | G | H | U | N | D | R | E | D |
| S | Q | E | F | H | C | F | I | G |
| E | B | S | I | X | T | Y | G | H |
| V | T | I | F | T | Y | N | H | Y |
| E | H | V | T | M | T | I | T | T |
| N | I | G | Y | S | N | N | Y | R |
| T | R | W | G | O | E | E | N | O |
| Y | T | O | N | G | W | T | B | F |
| V | Y | R | N | E | T | Y | F | Z |

Find a number between 40 and 50 that

The number is 43.

### Test Exercise

1. Numbers 1 to 50 (write missing number).

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |

2. Write the number of the following.

- a. **16** Six  
 b. **29** Twenty-nine  
 c. **75** Seventy-five  
 d. **88** Eighty-eight

3. Write the number name :

- a. **48** Forty-eight  
 b. **18** Eighteen  
 c. **37** Thirty-seven  
 d. **24** Twenty-four  
 e. **16** Sixteen  
 f. **39** Thirty-nine  
 g. **23** Twenty-three  
 h. **41** Forty-one  
 i. **15** Fifteen  
 j. **32** Thirty-two

4. Write the missing numbers.

- a.  $64 = 60 + 4$   
 b.  $97 = 90 + 7$

5. Circle the greater number :

- a. 25 21  
 b. 19 27  
 c. 31 41

6. Write the number shown on the abacus in different ways.

Standard form : **74**

Word form : **Seventy four**

Expanded form :  **$7 \times 10 + 4$**

Tens and ones : **7 tens 4 ones**

7. **Circle the smaller number :**

a. 26 41

b. 29 18

c. 35 31

8. **Circle the number name that is same as 7 tens.**

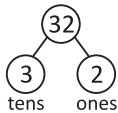
a. seventy

b. sixty

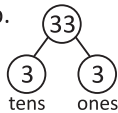
c. seventeen

9. **Write the number of tens and ones in these numbers :**

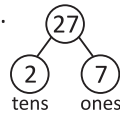
a.



b.



c.



10. **Circle the number name that is same as 2 tens and 9 ones.**

a. ninety-two

b. nineteen

c. twenty-nine

11. **Write the numerals for given tens and ones :**

a. 4 tens + 2 ones = **42**

b. 2 tens + 1 one = **21**

c. 3 tens + 1 one = **31**

d. 2 tens + 0 one = **20**

e. 3 tens + 5 ones = **35**

f. 4 tens + 5 ones = **45**

12. **Compare and write >, < or = in the boxes.**

a.  $59 < 95$

b.  $18 = 20 - 2$

c.  $6 \text{ tens} > 5 \text{ tens } 9 \text{ ones}$

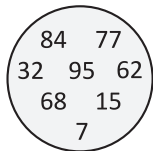
13. **Tick (✓) the largest number.**

✓

|    |    |    |
|----|----|----|
| 59 | 78 | 69 |
|----|----|----|

14. My class has 20 children. If there are 12 boys, how many are girls? **8**

15. **Write the numbers in ascending order.**



|   |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|
| 7 | 15 | 32 | 62 | 68 | 77 | 84 | 95 |
|---|----|----|----|----|----|----|----|

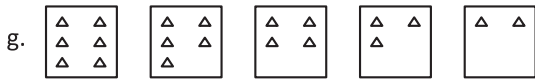
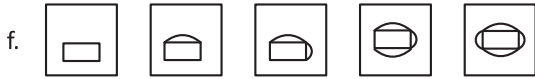
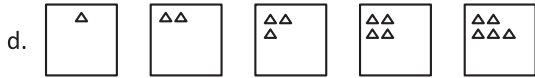
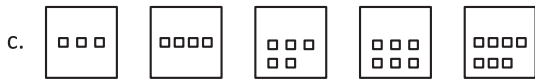
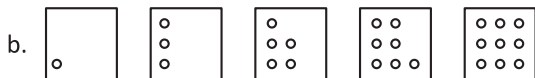
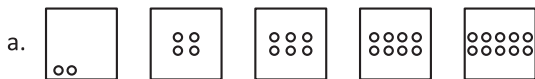
### Chapter-9 Utsav (Patterns)

1. **Observe and complete the following patterns of shapes.**





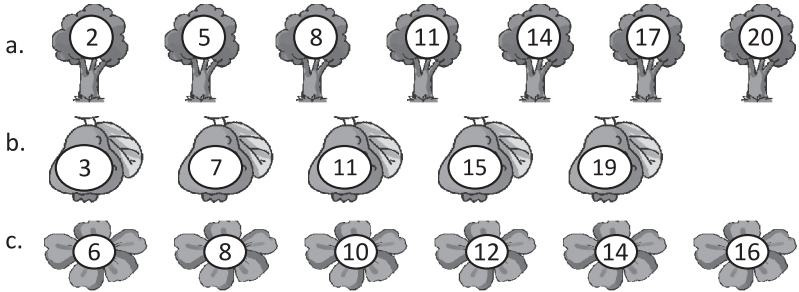
2. Complete the pattern :



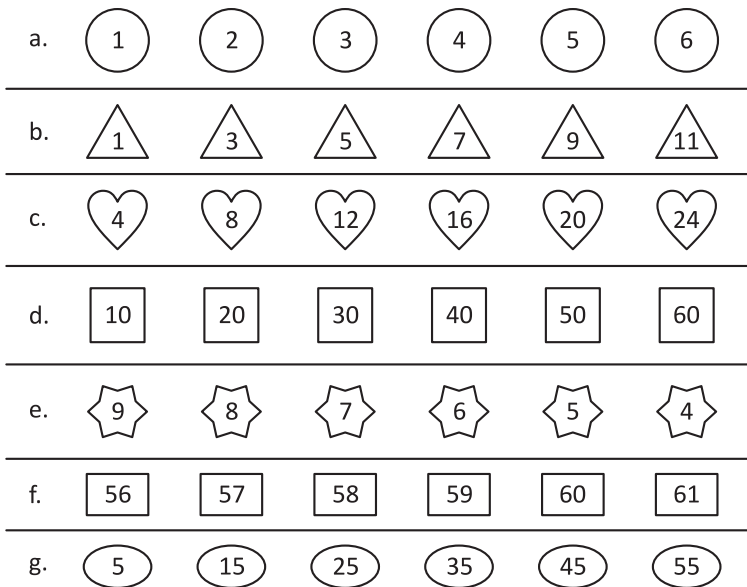
3. Look at each of the following patterns and complete the sequence:



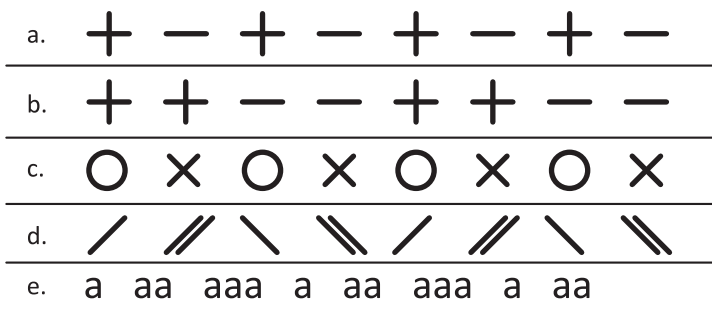
4. Look at some patterns with numbers. Fill the number in the blank space of each pattern :



5. Observe and complete the patterns of numbers.



6. Observe and complete the following patterns.



- f. 2 4 6 8 10 12 14 16
- 
- g. 20 19 18 17 16 15 14 13
- 

h.  $+$   $-$   $\begin{matrix} + \\ + \end{matrix}$   $=$   $\begin{matrix} + \\ + \\ + \end{matrix}$   $\equiv$   $\begin{matrix} + \\ + \\ + \\ + \end{matrix}$   $\equiv$

7. Discover the pattern. Draw the next three figures in the following patterns.

- a.
- b.
- c.

8. Complete the patterns by writing the next three elements.

- a. A AA AAA AAAAA AAAAAA AAAAAA AAAAAA
- b.
- 
- c.
- 
- d.
- 
- e. A B C A B C A B C
- 
- f. X ✓ X ✓ X ✓ X ✓ X
- 
- g. → ← → ← → ← →
- 
- h. D D E D D E D D E
- 
- i. A AB ABC ABCD ABCDE ABCDEF ABCDEFG
- 
- j. 12 23 34 45 56 67 78
- 

**NCERT Corner**

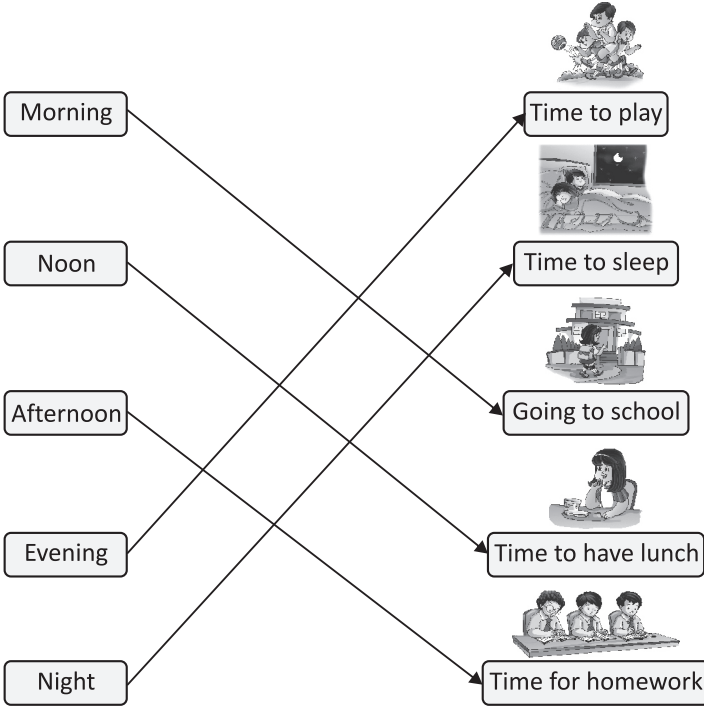
Study the pattern and fill in the missing numbers.

- a.
- b.
- c.
- d.



## Chapter-10 How do I spend my Day (Time)

Match the activity with the correct time of the day :



### The Clock

Write the time shown by the clock. One has been done for you.

|    |                                   |    |                                   |    |                                    |    |                                    |
|----|-----------------------------------|----|-----------------------------------|----|------------------------------------|----|------------------------------------|
| a. |                                   | b. |                                   | c. |                                    | d. |                                    |
|    | <u>5</u> o' clock                 |    | <u>9</u> o' clock                 |    | <u>2</u> o' clock                  |    | <u>6</u> o' clock                  |
|    | <input type="text" value="5:00"/> |    | <input type="text" value="9:00"/> |    | <input type="text" value="2:00"/>  |    | <input type="text" value="6:00"/>  |
| e. |                                   | f. |                                   | g. |                                    | h. |                                    |
|    | <u>9</u> o' clock                 |    | <u>9</u> o' clock                 |    | <u>9</u> o' clock                  |    | <u>9</u> o' clock                  |
|    | <input type="text" value="6:00"/> |    | <input type="text" value="4:00"/> |    | <input type="text" value="10:00"/> |    | <input type="text" value="11:00"/> |

1. Draw the hour hand in black colour to show the given time.



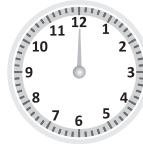
4:00



7:00



9:00



5:00



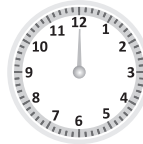
2:00



10:00



8:00



6:00



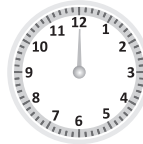
11:00



3:00



1:00



12:00

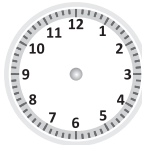
2. Draw both the hands to show the given time.



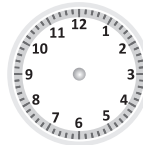
2:00



8:00



3:00



1:00



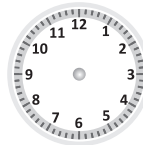
6:00



11:00



5:00



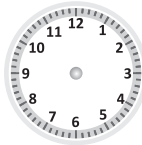
7:00



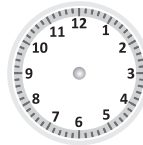
12:00



9:00



4:00



10:00

## NCERT Corner

Do it yourself.

### Days of the Week

1. **Fill in the blanks.**

- Monday is the **first** day of the week.
- 7** days make a week.
- Sunday** is the last day of the week.
- The day just before Thursday is **Wednesday**.
- Friday comes just after **Thursday**.
- Wednesday is between **Tuesday** and **Thursday**.
- Yesterday was Friday, so today is **Saturday**.
- Today is Monday, so tomorrow will be **Tuesday**.
- Sunday** is called the weekend day.

2. **Write the names of the days in order.**

Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday

3. **Answer the following :**

- |            |             |            |            |
|------------|-------------|------------|------------|
| a. Tuesday | b. Thursday | c. Tuesday | d. Tuesday |
| e. Sunday  | f. Sunday   | g. Friday  | h. Friday  |

4. **Write 'T' for True and 'F' for False :**

- |          |          |         |         |          |
|----------|----------|---------|---------|----------|
| a. False | b. False | c. True | d. True | e. False |
|----------|----------|---------|---------|----------|

5. **Unscramble the words.**

UNSDYA

**Sunday**

TESDUAY

**Tuesday**

RFIADY

**Friday**

DESWENADY

**Wednesday**

NOMADY

**Monday**

YHUSTRAD

**Thursday**

### Month and Year

1. **Match the following.**

- |              |   |              |
|--------------|---|--------------|
| a. June      | → | i. Third     |
| b. May       | → | ii. First    |
| c. August    | → | iii. Fifth   |
| d. January   | → | iv. Fourth   |
| e. July      | → | v. Ninth     |
| f. March     | → | vi. Sixth    |
| g. October   | → | vii. Eighth  |
| h. September | → | viii. Second |
| i. February  | → | ix. Seventh  |
| j. April     | → | x. Tenth     |

2. **Complete the following sentences.**

- There are **12** months in one year.
- April** is the fourth month of the year.
- June is the **Sixth** month of the year.
- February** is the month between January and March.

- e. **April** comes just after March.
- f. **October** is the month just before November.
- g. **July** is the seventh month of the year.
- h. **December** is the last month of the year.

**Multiple choice Questions**

Tick (✓) the correct choice :

- 1. (a)    2. (b)    3. (a)

**MENTAL MATHS**


Find the months of the year in the words search.

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J | A | N | U | A | R | Y | A | N | G | J | T | M | T | L |   |
| P | A | G | N | P |   | I | K | A | D | A | U | G | U | S | T |
| I | T | M | S | R | O | S | E | E | P | L | T | M | B | R |   |
| P | Q | R | S | I | M | A | R | C | H | Y | T | U | V | R |   |
| N | O | V | E | L | A | B | E | E | R | S | J | K | L | M |   |
| I | F | P | Q | S | Y | M | N | M | O | E | O | T | S | T |   |
| W | E | D | N | E | S | A | D | B | S | P | C | S | S | S |   |
| M | B | N | S | D | A | S | Y | E | X | T | T | X | W | N |   |
| H | R | Y | J | U | N | E | O | R | M | O | O | M | S | I |   |
| G | U | E | Y | C | U | P | T | T | T | B | B | X | X | P |   |
| D | A | T | U | X | T | T | R | M | K | E | E | I | O | P |   |
| C | R | S | N | O | V | E | M | B | E | R | R | A | Y | I |   |
| J | Y | N | E | Y | C | M | U | O | I | Y | Z | P | O | P |   |
| S | A | T | U | R | D | B | Y | A | K | M | T | R | X | S |   |
| T | H | U | S | R | D | E | Y | O | P | M | A | R | T | C |   |
| J | U | M | E | J | X | R | B | R | E | R | S | J | A | N |   |

**Test Exercise**


1. Write the time shown by the clocks.

a.




**8:33**

b.



**3:33**


c.



**8:33**


2. Draw the hour hand of the clocks to show the given time.

a.




**11:00**

b.



**12:00**

c.



**9:00**

3. Fill in the blanks.

- a. **Friday** is fifth day of the week.

- b. February has **28** or **29** days.  
 c. **12** months make one year.  
 d. **Monday** comes just after Sunday.
4. **Tick (✓) the correct word.**
- a. I get up in the morning/evening. ✓  
 b. The day before today is called yesterday/tomorrow. ✓  
 c. I come back from school in the afternoon/at night. ✓  
 d. I go to sleep at night/in the morning. ✓
5. **Draw lines to match the number of days in each month.**
- a. October → 30 days  
 b. November → 30 days  
 c. April → 30 days  
 d. June → 30 days  
 e. December → 31 days  
 f. January → 31 days  
 g. August → 31 days  
 h. July → 31 days
6. **Circle the time period which is longer.**
- a. A day or a (week)  
 b. A week or a (month)  
 c. An (hour) or a minute  
 d. An hour or a (day)

## Chapter-11 How many Times? (Multiplication)

1. **Show each repeated addition as multiplication.**
- a.  $2 + 2 + 2 = 6 \Rightarrow 3 \times 2 = 6$   
 b.  $4 + 4 = 8 \Rightarrow 2 \times 4 = 8$   
 c.  $5 + 5 + 5 + 5 = 20 \Rightarrow 4 \times 5 = 20$   
 d.  $7 + 7 + 7 + 7 + 7 = 35 \Rightarrow 5 \times 7 = 35$
2. **Change the following multiplication forms to the repeated addition forms.**
- a.  $3 \times 6 = 6 + 6 + 6$   
 b.  $2 \times 4 = 4 + 4$   
 c.  $5 \times 2 = 2 + 2 + 2 + 2 + 2$   
 d.  $4 \times 5 = 5 + 5 + 5 + 5 + 5$   
 e.  $3 \times 10 = 10 + 10 + 10$
3. **Fill in the blanks and boxes.**
- a. 5 threes are **15**  
 5 multiplied by 3 is **15**.  
 3 added 5 times =  $5 \times 3 = 15$   
 $3 + 3 + 3 + 3 + 3 =$   
 5 times 3 is **15**.
- b. 5 added 3 times =  $3 \times 5 = 15$   
 $5 + 5 + 5 = 15$   
 3 fives are **15**  
 3 multiplied by 5 is **15**.  
 3 times 5 is **15**.

### NCERT Corner

Prashant bought some packs of erasers, pencils and books from the shop. Find the total of each item.



$$2 + 2 + 2 + 2 = 8 \text{ erasers}$$

$$4 \text{ times } 2 = 8$$

Total number of erasers **8**



$$3 + 3 + 3 + 3 = 15 \text{ pencils}$$

$$5 \text{ times } 3 = 15$$

Total number of pencils = **15**



$$4 + 4 + 4 = 12 \text{ books}$$

$$3 \text{ times } 4 = 12$$

Total number of books = **12**

Do you know your tables? Fill in the boxes.

$$5 \times 2 = \boxed{10}$$

$$3 \times 2 = \boxed{6}$$

$$10 \times 10 = \boxed{100}$$

$$3 \times 10 = \boxed{30}$$

$$4 \times 4 = \boxed{16}$$

$$1 \times 2 = \boxed{2}$$

$$5 \times 5 = \boxed{25}$$

$$2 \times 2 = \boxed{4}$$

$$10 \times 5 = \boxed{50}$$

$$7 \times 2 = \boxed{14}$$

$$7 \times 4 = \boxed{28}$$

$$8 \times 10 = \boxed{80}$$

$$3 \times 5 = \boxed{15}$$

$$4 \times 10 = \boxed{40}$$

$$5 \times 10 = \boxed{60}$$

$$5 \times 4 = \boxed{20}$$

$$1 \times 5 = \boxed{5}$$

$$8 \times 3 = \boxed{24}$$

$$6 \times 10 = \boxed{60}$$

$$2 \times 10 = \boxed{20}$$

$$6 \times 5 = \boxed{30}$$

$$4 \times 5 = \boxed{20}$$

$$4 \times 2 = \boxed{8}$$

$$1 \times 10 = \boxed{10}$$

$$8 \times 2 = \boxed{16}$$

$$6 \times 3 = \boxed{18}$$

$$6 \times 2 = \boxed{12}$$

$$2 \times 5 = \boxed{10}$$

$$7 \times 3 = \boxed{21}$$

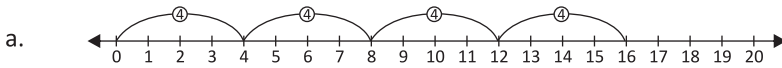
$$10 \times 2 = \boxed{10}$$

$$4 \times 3 = \boxed{12}$$

$$1 \times 5 = \boxed{5}$$

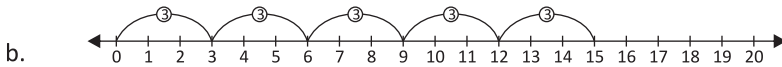
$$1 \times 4 = \boxed{4}$$

Fill in the place holders :



$$\boxed{4} + \boxed{4} + \boxed{4} + \boxed{4} = \boxed{16}$$

$$\boxed{4} \times \boxed{4} = \boxed{16}$$



$$\boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} = \boxed{15}$$

$$\boxed{3} \times \boxed{3} = \boxed{15}$$

Multiply the following :

|    |   |    |   |    |   |    |   |    |   |
|----|---|----|---|----|---|----|---|----|---|
| a. | $\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$ | b. | $\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$  | c. | $\begin{array}{r} 8 \\ \times 1 \\ \hline 8 \end{array}$  | d. | $\begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$ | e. | $\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$  |
| f. | $\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$ | g. | $\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$ | h. | $\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$ | i. | $\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$ | j. | $\begin{array}{r} 6 \\ \times 3 \\ \hline 9 \end{array}$  |
| k. | $\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$ | l. | $\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$ | m. | $\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$ | n. | $\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array}$ | o. | $\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$ |

### Word Problems

- A boy has 2 eyes.  
Number of eyes 4 boys have =  $2 \times 4 = 8$
- A table has 4 legs  
Number of legs 2 tables have =  $2 \times 4 = 8$
- Number of fingers in one hand = 5  
Number of fingers in 4 hands =  $5 \times 4 = 20$
- Number of legs a lion has 4.  
5 lions have  $5 \times 4 = 20$  legs
- Number of pens in each packet = 10  
Number of packets = 5  
Number of pens in 5 packets =  $5 \times 10 = 50$
- Cost of 1 chocolates = ₹ 20  
Cost of 4 chocolates = ₹  $20 \times 4 = ₹ 80$
- Number of wheels in triangle = 3  
Number of wheels in 6 triangles =  $3 \times 6 = 18$
- Cost of cricket ball = ₹ 9  
Cost of 6 such balls = ₹  $9 \times 6 = ₹ 54$
- Number of wheels a bicycle has 2.  
Number of wheels in 9 bicycles =  $9 \times 2 = 18$

### Multiple choice Questions

Tick (✓) the correct choice :

- (a)                      2. (a)                      3. (b)                      4. (b)

### Test Exercise

1. Multiply the following :

|    |   |    |   |    |   |    |   |
|----|---|----|---|----|---|----|---|
| a. | $\begin{array}{r} \text{T O} \\ 9 \\ \times 5 \\ \hline 45 \end{array}$ | b. | $\begin{array}{r} \text{T O} \\ 9 \\ \times 5 \\ \hline 45 \end{array}$ | c. | $\begin{array}{r} \text{T O} \\ 9 \\ \times 5 \\ \hline 45 \end{array}$ | d. | $\begin{array}{r} \text{T O} \\ 9 \\ \times 5 \\ \hline 45 \end{array}$ |
|----|---|----|---|----|---|----|---|

e. 
$$\begin{array}{r} \text{T O} \\ 9 \\ \times 5 \\ \hline 45 \end{array}$$

f. 
$$\begin{array}{r} \text{T O} \\ 9 \\ \times 5 \\ \hline 45 \end{array}$$

g. 
$$\begin{array}{r} \text{T O} \\ 9 \\ \times 5 \\ \hline 45 \end{array}$$

h. 
$$\begin{array}{r} \text{T O} \\ 9 \\ \times 5 \\ \hline 45 \end{array}$$

2. Fill in the boxes to make the statements true.

- $7 + 7 + 7 = 3 \times 7$
  - $8 \times 4 = 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4$
- $20 - 16 = 4$
  - Cost of 1 ticket = ₹ 8  
Cost of 10 tickets = ₹  $(8 \times 10) = ₹ 80$
  - Number of rows = 5  
Number of seats in each row = 8  
Number of persons who can watch the play in the theatre =  $5 \times 8 = 40$
  - Number of children which can be seated on a bench = 5  
Number of benches = 6  
Total number of children =  $5 \times 6 = 30$
  - Each shirt have 4 buttons.  
Number of shirts = 6  
Total buttons =  $4 \times 6 = 24$
  - Number of shelves in a bookcase = 5  
Number of books in one shelf = 10  
Total books which can be put in the book case =  $5 \times 10 = 50$

### Chapter-12 Division

b. 
$$\begin{array}{r} 4 \div 2 \\ 4 - 2 = 2 \\ 2 - 2 = 0 \\ \text{so, } 4 \div 2 = 2 \end{array}$$

c. 
$$\begin{array}{r} 9 \div 3 \\ 9 - 3 = 6 \\ 6 - 3 = 3 \\ 3 - 3 = 0 \\ \text{so, } 9 \div 3 = 3 \end{array}$$

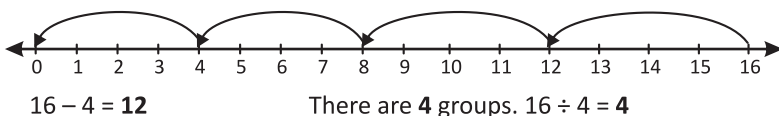
d. 
$$\begin{array}{r} 14 \div 7 \\ 14 - 7 = 7 \\ 7 - 7 = 0 \\ \text{so, } 14 \div 7 = 2 \end{array}$$

e. 
$$\begin{array}{r} 12 \div 4 \\ 12 - 4 = 8 \\ 8 - 4 = 4 \\ 4 - 4 = 0 \\ \text{so, } 12 \div 4 = 3 \end{array}$$

f. 
$$\begin{array}{r} 18 \div 6 \\ 18 - 6 = 12 \\ 12 - 6 = 6 \\ 6 - 6 = 0 \\ \text{so, } 18 \div 6 = 3 \end{array}$$

### Division on the Number Line

Divide 16 into groups of 4. How many groups are there?



Divide 12 into groups of three. How many groups are there?



$$12 - 3 = 9$$

There are **4** groups.  $12 \div 3 = 4$

Divide the following :

- |    |   |    |   |    |   |    |   |
|----|---|----|---|----|---|----|---|
| a. | $\begin{array}{r} 2 \\ 2 \overline{) 4} \\ - 4 \\ \hline 0 \end{array}$   | b. | $\begin{array}{r} 3 \\ 2 \overline{) 6} \\ - 6 \\ \hline 0 \end{array}$   | c. | $\begin{array}{r} 4 \\ 2 \overline{) 8} \\ - 8 \\ \hline 0 \end{array}$   | d. | $\begin{array}{r} 4 \\ 8 \overline{) 32} \\ - 32 \\ \hline 0 \end{array}$ |
| e. | $\begin{array}{r} 2 \\ 6 \overline{) 12} \\ - 12 \\ \hline 0 \end{array}$ | f. | $\begin{array}{r} 3 \\ 6 \overline{) 18} \\ - 18 \\ \hline 0 \end{array}$ | g. | $\begin{array}{r} 4 \\ 6 \overline{) 24} \\ - 24 \\ \hline 0 \end{array}$ | h. | $\begin{array}{r} 5 \\ 3 \overline{) 15} \\ - 15 \\ \hline 0 \end{array}$ |
| i. | $\begin{array}{r} 6 \\ 3 \overline{) 18} \\ - 18 \\ \hline 0 \end{array}$ | j. | $\begin{array}{r} 3 \\ 4 \overline{) 12} \\ - 12 \\ \hline 0 \end{array}$ | k. | $\begin{array}{r} 4 \\ 4 \overline{) 16} \\ - 16 \\ \hline 0 \end{array}$ | l. | $\begin{array}{r} 4 \\ 3 \overline{) 12} \\ - 12 \\ \hline 0 \end{array}$ |
| m. | $\begin{array}{r} 6 \\ 4 \overline{) 24} \\ - 24 \\ \hline 0 \end{array}$ | n. | $\begin{array}{r} 2 \\ 4 \overline{) 8} \\ - 8 \\ \hline 0 \end{array}$   | o. | $\begin{array}{r} 2 \\ 5 \overline{) 10} \\ - 10 \\ \hline 0 \end{array}$ | p. | $\begin{array}{r} 4 \\ 5 \overline{) 20} \\ - 20 \\ \hline 0 \end{array}$ |
| q. | $\begin{array}{r} 5 \\ 6 \overline{) 30} \\ - 30 \\ \hline 0 \end{array}$ | r. | $\begin{array}{r} 4 \\ 4 \overline{) 16} \\ - 16 \\ \hline 0 \end{array}$ | s. | $\begin{array}{r} 8 \\ 4 \overline{) 32} \\ - 32 \\ \hline 0 \end{array}$ | t. | 3   |

### Word Problems

Fill in the placeholders :

- a. How many pens are there in all? 20  
 These pens are divided into how many groups? 5  
 How many pens are there in each group? 4  
 $20 \div 5 = \text{4}$  or 
$$\begin{array}{r} 20 \\ 5 \overline{) 20} \\ - 20 \\ \hline 0 \end{array}$$
 4
- b. How many flowers are there in all? 12  
 How many vases are made out of these flowers? 6  
 Each vase contains **2** flowers.  
 $12 \div 6 = \text{2}$  or 
$$\begin{array}{r} 12 \\ 6 \overline{) 12} \\ - 12 \\ \hline 0 \end{array}$$
 2

- c. There are **18** balls in all?  
Each tray contains **3** balls.

$$18 \div 6 = \boxed{3} \quad \text{or} \quad 6 \overline{) 18} \\ \underline{18} \\ 0$$

- d. There are **16** mangoes.  
Encircle these mangoes into 4 equal groups.  
Each group has **4** mangoes.

$$16 \div 4 = \boxed{4} \quad \text{or} \quad 4 \overline{) 16} \\ \underline{16} \\ 0$$

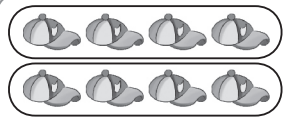
### Multiple choice Questions


Tick (✓) the correct choice :

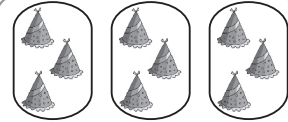
1. (a)    2. (a)    3. (b)    4. (b)


### NCERT Corner

Make group to divide and fill in the boxes :

a.   
 $\boxed{8} \div \boxed{2} = \boxed{4}$

b.   
 $\boxed{12} \div \boxed{3} = \boxed{4}$

c.   
 $\boxed{9} \div \boxed{3} = \boxed{3}$

d.   
 $\boxed{12} \div \boxed{4} = \boxed{3}$

### Text Exercise

1. Divide the following :

a. 
$$\begin{array}{r} 6 \\ 4 \overline{) 24} \\ \underline{-24} \\ 0 \end{array}$$

b. 
$$\begin{array}{r} 4 \\ 5 \overline{) 20} \\ \underline{-20} \\ 0 \end{array}$$

c. 
$$\begin{array}{r} 6 \\ 3 \overline{) 18} \\ \underline{-18} \\ 0 \end{array}$$

d. 
$$\begin{array}{r} 5 \\ 6 \overline{) 30} \\ \underline{-30} \\ 0 \end{array}$$

2. Fill in the boxes :

a.  $16 \div 1 = \mathbf{16}$

b.  $39 \div 39 = \mathbf{1}$

c.  $15 \div 1 = \mathbf{15}$

d.  $9 \div 1 = \mathbf{9}$

e.  $83 \div 1 = \mathbf{83}$

f.  $100 \div 100 = \mathbf{1}$

g.  $12 \div 12 = \mathbf{1}$

h.  $10 \div 1 = \mathbf{10}$

i.  $13 \div 13 = \mathbf{1}$

j.  $17 \div 17 = \mathbf{1}$

k.  $24 \div 24 = \mathbf{1}$

l.  $20 \div 1 = \mathbf{20}$

3. Fill in the boxes for the following division :

a.  $45 - 5 = 40 - 5 = 35 - 5 = 30 - 5 = 25 - 5 = 20 - 5 = 15 - 5 = 10 - 5 = 5 - 5 = 0$   
 $\therefore \boxed{45} \div \boxed{5} = \boxed{9}$

b.  $42 - 7 = 35 - 7 = 28 - 7 = 21 - 7 = 14 - 7 = 7 - 7 = 0$

$\therefore \boxed{42} \div \boxed{7} = \boxed{6}$

c.  $36 - 9 = 27 - 9 = 18 - 9 = 9 - 9 = 0$

$\therefore \boxed{36} \div \boxed{9} = \boxed{4}$

4.  $28 \div 4 = 24, 24 - 4 = 20, 20 - 4 = 16, 16 - 4 = 12, 12 - 4 = 8, 8 - 4 = 4, 4 - 4 = 0$

We can subtract 4 from 28 seven times.

5. Total numbers of chocolates = 54

Total numbers of students = 9

Each student gets  $54 \div 9$  chocolates

Each students gets 6 chocolates

6. Distance run by boy = 850

Total time taken = 10 minutes

Distance cover in 1 minutes =  $850 \div 10 = 85$  m

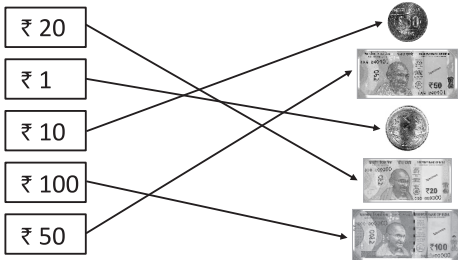
7. Total number of books = 64

Number of rocks = 8

Number of books placed in each rock  $64 \div 8 = 8$

## Chapter-13 How Much Can We Spend? (Money)

1. Match the following :



2. Write the numeric value for the following as shown :

a. Fifty rupees ₹50

b. Seventy paise 70 paise

c. Eight rupees ₹80

d. Thirty paise 30 paise

### Counting Money

Calculate the value of the following.



To count the money of the same value, we can use skip counting.



Add the following and write the sum in the box :













- a.  $25\text{ P} + 25\text{ P} + 25\text{ P} + 25\text{ P} = 100\text{ P}$   
 b.  $50\text{ P} + 20\text{ P} + 20\text{ P} = 90\text{ P}$   
 c.  $50\text{ P} + 50\text{ P} = 100\text{ P}$   
 d.  $50\text{ P} + 10\text{ P} + 25\text{ P} + 10\text{ P} + 5\text{ P} = 100\text{ P}$   
 e.  $50\text{ P} + 25\text{ P} + 20\text{ P} + 10\text{ P} + 5\text{ P} = 110\text{ P}$   
 f.  $50\text{ P} + 20\text{ P} + 20\text{ P} + 10\text{ P} = 100\text{ P}$   
 g.  $50\text{ P} + 25\text{ P} + 20\text{ P} + 5\text{ P} = 100\text{ P}$   
 h.  $50\text{ P} + 10\text{ P} + 25\text{ P} = 85$

Solve the following and fill in the blanks :

- b. Cost of 1 banana = ₹ 2  
 Cost of 5 bananas = ₹  $(2 \times 5) = ₹ 10$   
 c. Cost of one look = ₹ 20  
 Money given to shopkeeper = ₹ 50  
 Money he will return to me = ₹  $50 - 20 = ₹ 30$

Reena buys the following things :

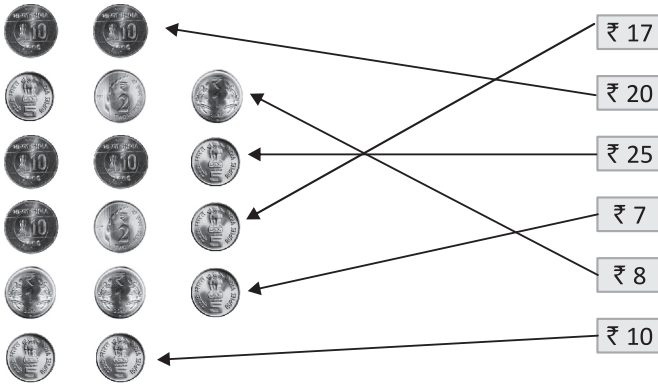
Match the cost of the object with the money given by Reena.

|  |   |
|--|---|
| <p>1.  ₹65</p> <p>2.  ₹35</p> <p>3.  ₹87</p> <p>4.  ₹100</p> <p>5.  ₹95</p> <p>6.  ₹70</p> | <p>a. </p> <p>b. </p> <p>c. </p> <p>d. </p> <p>e. </p> <p>f. </p> |
|--|---|

Answer :

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| e | d | b | f | a | c |

Draw a line from each set of coins to their total amount.



### Word Problems

- Money given by Arun to his sister = ₹ 2  
 Amount of money Arun left with = ₹ 3  
 Amount of money Arun have in the beginning = ₹ 2 + ₹ 3 = ₹ 5
- Money given to Subodh = ₹ 10  
 No Subodh does not have enough money to buy the chocolates.  
 He needs ₹ 16 ₹ 10 = ₹ 6 money to buy the chocolates.
- Amount of money Hari had = ₹ 10  
 Total money Hari have in all = ₹ 10 + ₹ 5 = ₹ 15
- Amount of money Hema had = ₹ 96  
 Cost of toy car = ₹ 25  
 Amount of money left in her piggy bank = 96 – 25  
 = ₹ 71
- Shashi buys fruits for = ₹ 45  
 Shashi buys sweets for = ₹ 34  
 Total money she has spent in all = ₹ 45 + ₹ 34  
 = ₹ 79

### NCERT Corner

Answer the following questions :

- 4
- flute
- Ball
- She needs ₹ 4 to buy the car.
- Toys they can buy flute and ball.

### Multiple choice Questions

Tick (✓) the correct choice :

- (a)
- (b)
- (a)

## Test Exercise

**1. Fill in the blanks :**

- a. We use **money** to buy things.
- b. The sign of rupees is ₹.
- c. We use money in the forms of **notes** and **coins**.



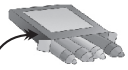



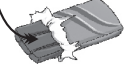
**2. Identify and write the value of coins and notes.**

- |   |  |
|---|--|
| <p>a.  <span style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;">1</span></p>  | <p>b.  <span style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;">100</span></p> |
| <p>c.  <span style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;">20</span></p> | <p>d.  <span style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;">5</span></p>   |

**3. Fill in the blanks:**

- |                       |                           |
|-----------------------|---------------------------|
| a. ₹ 10 = ₹ 5 + ₹ 5   | b. ₹ 100 = ₹ 50 + ₹ 50    |
| c. ₹ 3 = ₹ 2 + ₹ 1    | d. ₹ 70 = ₹ 50 + ₹ 20     |
| e. ₹ 20 = ₹ 10 + ₹ 10 | f. ₹ 1000 = ₹ 500 + ₹ 500 |
| g. ₹ 8 = ₹ 5 + ₹ 3    | h. ₹ 2 = ₹ 1 + ₹ 1        |
| i. ₹ 50 = ₹ 15 + ₹ 35 | j. ₹ 400 = ₹ 300 + ₹ 100  |
| k. ₹ 10 = ₹ 5 + ₹ 5   | l. ₹ 300 = ₹ 200 + ₹ 100  |

**4. Match the total value with the things you can buy with it.**




|   |      |   |      |
|---|------|---|------|
|    | ₹ 15 |   | ₹ 55 |
|    | ₹ 10 |    | ₹ 30 |
|   | ₹ 30 |   | ₹ 15 |
|  | ₹ 55 |  | ₹ 10 |

**5. Answer the following questions :**

- a. How many 10 rupee notes do you get for a fifty rupees note?      5
- b. How many 10 rupee notes do you get for a hundred rupee note?      10
- c. How many 2 rupee notes do you get for a twenty rupee note?      10
- d. How many 50 rupee notes do you get for a five hundred rupee note?      10

## Chapter-14 So Many Toys (Data Handling)

Count the shapes in the above picture :

|   |  |   |   |
|---|--|---|---|
| a.  | b.   | c.  | d.  |
|    |   |    |    |
| <div style="border: 1px solid black; padding: 2px; display: inline-block;">10</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">13</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">14</div> |

Answer the following questions :

1. How many students measure :
  - a. Do it yourself
  - b. Do it yourself
2. Do it yourself
3. Do it yourself
4. 9
5. Do it yourself
6. 3
7. Diwakar
8. 11 bricks


Count the number of letters in each name-word :

| Names   | No. of letters  |
|---|---|
| V I B H A   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div>  |
| M U K U L   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div>  |
| B A S A N T   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">6</div>  |
| M E G H A   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div>  |
| K O M A L   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div>  |
| S H O U R Y A   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">7</div>  |
| P A N K A J   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">6</div>  |
| R A V I   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div>  |
| M O N I   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div>  |
| A S H I S H   | <div style="border: 1px solid black; padding: 2px; display: inline-block;">6</div>  |
| How many names have 4 letters?                          | <div style="border: 1px solid black; padding: 2px; display: inline-block;">2</div>  |
| How many names have 5 letters?                          | <div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div>  |
| How many names have 6 letters?                          | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div>  |
| How many names have 7 letters?                          | <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div>  |
| How many times A comes in all the names taken together? | <div style="border: 1px solid black; padding: 2px; display: inline-block;">10</div> |
| How many times O comes in all the names taken together? | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div>  |

### NCERT Corner

Name the colour of the flowers which you see mostly in a garden.

A. Look at the picture of colourful flowers and write the number of flowers.

|  |  |
|--|--|
| Blue flowers  1 | Orange flowers  1 |
| Red flowers  3  | Purple flowers  4 |

1. Blue and Orange
2. Purple

B. True or False :

1. True
2. True

**MENTAL MATHS**

The names of some fruits are given below:

Count the number of letters in each word and write in the box.

| Fruit Name  | Number of Letters |
|-------------|-------------------|
| M A N G O   | 5                 |
| B A N A N A | 6                 |
| P E A C H   | 5                 |
| G R A P E S | 6                 |
| D A T E     | 4                 |
| A P P L E   | 5                 |
| O R A N G E | 6                 |
| G U A V A   | 5                 |
| P L U M     | 4                 |
| P A P A Y A | 6                 |

Now, find out :

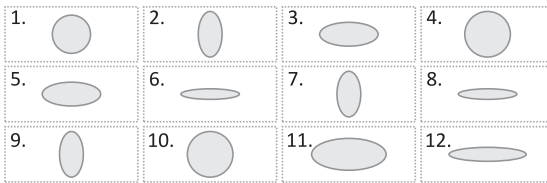
|   |   |
|---|---|
| How many fruits name have four letters? | 2 |
| How many fruits name have five letters? | 4 |
| How many fruits name have six letters?  | 4 |

**Test Exercise**

- Use the chart to answer the following questions.
  - 5
  - 3
  - 4
  - 7
- Do it yourself.

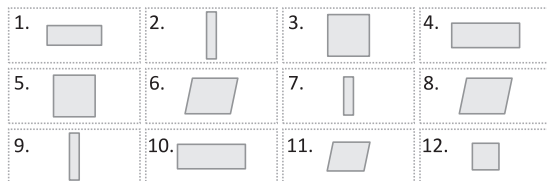
**Chapter-15 Reasoning : Verbal & Non-Verbal and Logical**

Study the figures given below and identify the two shapes which are exactly the same :



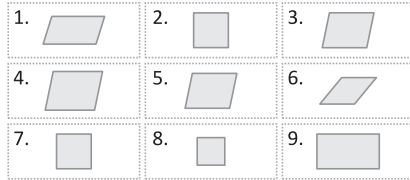
- a. 6 and 10      b. 2 and 7 ✓      c. 2 and 8      d. 5 and 12

Study the figures given below and identify the two shapes which are exactly the same :



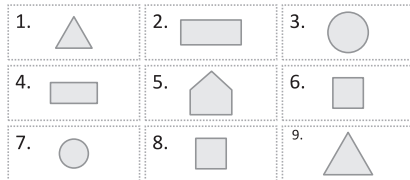
- a. 3 and 6      b. 2 and 7      c. 6 and 8 ✓      d. 3 and 12

Study the figures given below and identify the two shapes which are exactly the same :



- a. 1 and 6                      b. 4 and 6                      c. 2 and 7 ✓                      d. 3 and 4

Study the figures given below and identify the two shapes which are exactly the same :



- a. 1 and 5                      b. 2 and 8                      c. 3 and 8                      d. 6 and 8 ✓

**Analogy**

1. (c)      2. (d)      3. (a)      4. (b)      5. (a)      6. (d)  
 7. (b)      8. (a)      9. (d)      10. (c)      11. (b)

**Shadows**

Match the objects with their shadows :

|   |   |
|---|---|
| 1 | g |
| 5 | f |

|   |   |
|---|---|
| 2 | a |
| 6 | c |

|   |   |
|---|---|
| 3 | h |
| 7 | d |

|   |   |
|---|---|
| 4 | b |
| 8 | l |

# Note



# Note



# Note



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