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MATHEMATICS

A Multi-skill Activity Book on Mathematics

FS-4
Class - 1

ANSWER KEY

1 Numbers up to 20

Get Ready

Look at the picture. Count the animals and birds, and write in the boxes.
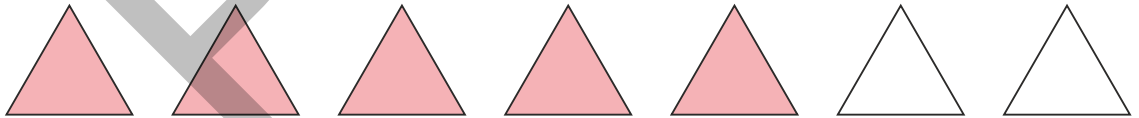
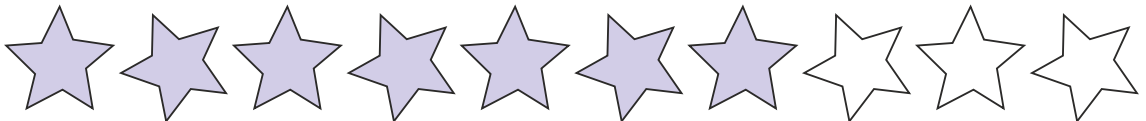| 1 | 1 | 7 | 5 | 4 | 4 |

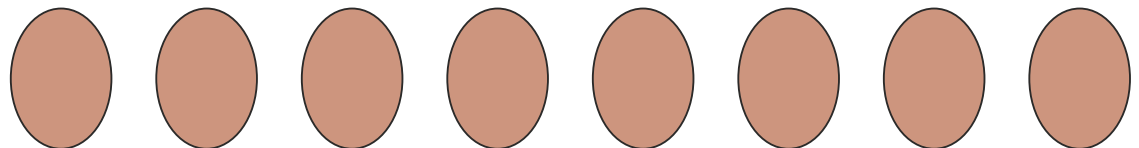## Quick Response 1.1

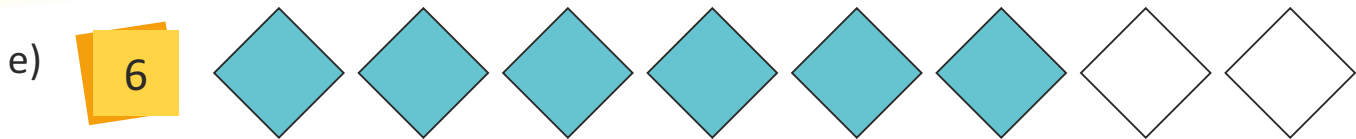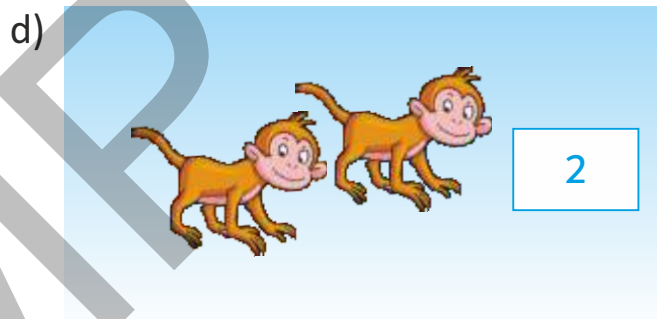1. **Colour as many objects as given in the box.**

a) 5

b) 7

c) 3

d) 8

e) **6** ◆ ◆ ◆ ◆ ◆ ◆ ◇ ◇

2. Count the creatures and write in the boxes.

a)

4

b)

10

c)

8

d)

2

3. Write the missing numbers.

a) 1 — 2 — 3 — 4 — 5 — 6 — 7 — 8 — 9 — 10

b) 1 — 2 — 3 — 4 — 5 — 6 — 7 — 8 — 9 — 10

c) 1 — 2 — 3 — 4 — 5 — 6 — 7 — 8 — 9 — 10

d) 1 — 2 — 3 — 4 — 5 — 6 — 7 — 8 — 9 — 10
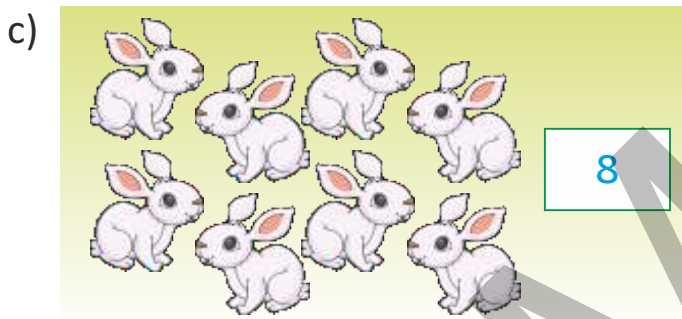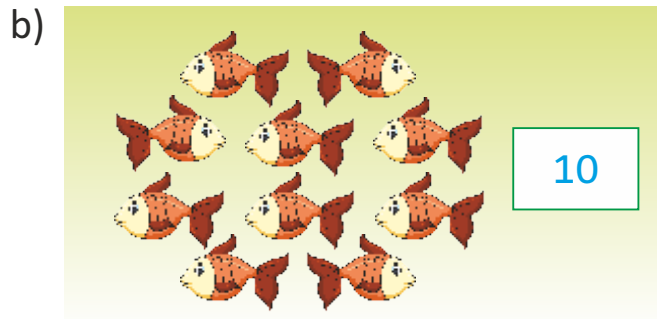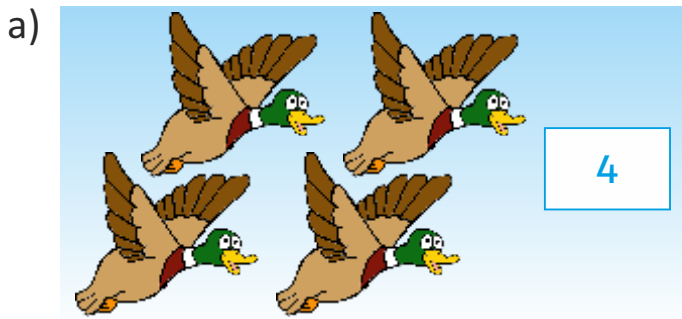
4. Match the following. One has been done for you.

1	Three
2	Nine
3	Four
4	Eight
5	One
6	Seven
7	Two
8	Ten
9	Six
10	Five

Quick Response 1.2

1. Fill in the blanks by writing the number that comes:

Before		Between			After	
a) 6	7	a) 2	3	4	a) 3	4
b) 4	5	b) 7	8	9	b) 5	6
c) 8	9	c) 4	5	6	c) 7	8
d) 5	6	d) 8	9	10	d) 9	10

Quick Response 1.3

1. Put the symbol >, < or = in the box.

a) 6 > 3

b) 10 > 5

c) 8 = 8

d) 7 > 2

e) 4 = 4

f) 5 < 9

g) 6 < 9

h) 3 < 8

2. Circle the bigger number in each box.

a) 2 (5)

b) 7 (9)

c) (6) 4

d) 8 (10)

3. Circle the smaller number in each box.

a) (3)　9　　b) (6)　8　　c) (4)　7　　d) (2)　8

Quick Response 1.4

Circle the greatest number and cross the smallest one.

1. (7) ⨉2 5 4

2. 6 8 (9) ⨉4

3. (7) ⨉3 5 10

4. (10) ⨉2 3 7

5. (9) ⨉1 5 7

6. ⨉4 6 7 (8)

Quick Response 1.5

1. Arrange the following in ascending order. One is done for you.

a) 2 4 1 3 → 1 2 3 4

b) 6 9 8 2 → 2 6 8 9

c) 3 9 8 2 → 2 3 8 9

d) 5 9 8 7 → 5 7 8 9

2. Arrange the following in descending order. One is done in you.

a) 6 3 2 7 → 7 6 3 2

b) 9 4 5 1 → 9 5 4 1

c) 2 8 6 4 → 8 6 4 2

d) 3 7 5 2 → 7 5 3 2

1. Write the missing numbers on the number line.

a)

1 **2** 3 **4** 5 **6** 7 **8** 9 **10** 11 **12** 13

b)

5 **6** **7** 8 9 **10** **11** 12 **13** 14 **15** 16 **17**

c)

8 **9** 10 **11** 12 **13** **14** 15 **16** 17 **18** 19 **20**

d)

8 **9** 10 **11** **12** 13 **14** **15** 16 **17** 18 **19** 20
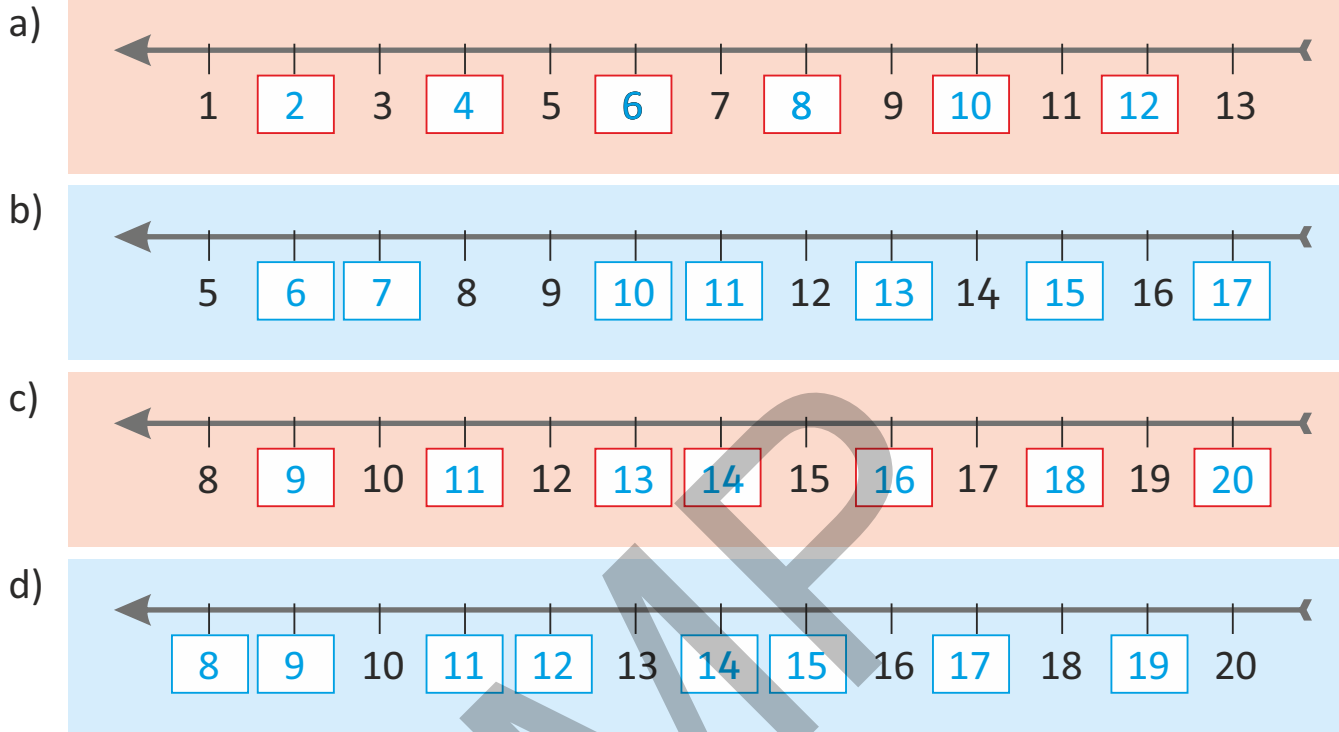
2. Write that comes

Just before:
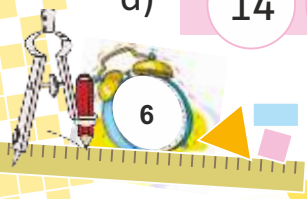
a) 10 11   b) 15 16   c) 17 18   d) 14 15

e) 13 14   f) 18 19   g) 16 17   h) 11 12

Just after:

a) 12 13   b) 13 14   c) 11 12   d) 17 18

e) 15 16   f) 16 17   g) 13 14   h) 18 19

Between:

a) 11 12 13   b) 18 19 20   c) 13 14 15

d) 14 15 16   e) 15 16 17   f) 17 18 19

3. Circle the bigger number.

a) **(12)** 10   b) **(15)** 14   c) 13 **(20)**   d) **(17)** 16

4. Circle the smaller number.

a) **(18)** 20   b) 13 **(11)**   c) **(14)** 17   d) 18 **(15)**

5. Circle the smallest number and cross the greatest number.

a)
13   12
~~14~~   **(11)**

b)
~~20~~   19
18   **(16)**

c)
(11)   14
~~18~~   12

6. Arrange the following in ascending order.

a) 12 11 14 20 = 11 12 14 20

b) 19 16 13 15 = 13 15 16 19

c) 11 18 20 14 = 11 14 18 20

d) 17 11 12 20 = 11 12 17 20

7. Arrange the following in descending order.

a) 18 11 12 15 = 18 15 12 11

b) 17 19 16 13 = 19 17 16 13

c) 13 11 12 14 = 14 13 12 11

d) 14 15 20 11 = 20 15 14 11

1. Tick (✓) the correct option.

a) Which of the following is the greatest?

i) 15 ☐ ii) 12 ☐ iii) 18 ✓

b) Which of the following is the smallest?

i) 14 ☐ ii) 9 ✓ iii) 17 ☐

c) Which number comes just after 15?

i) 16 ✓ ii) 14 ☐ iii) 20 ☐

d) Which number comes just before 19?

i) 14 ☐ ii) 20 ☐ iii) 18 ✓

e) Which number comes between 10 and 12 ?

i) 13 ☐ ii) 9 ☐ iii) 11 ✓

2. Circle the bigger number in each box.

a) 9 (12) b) 14 (18) c) (19) 11 d) (20) 15

3. Circle the smallest number in each box.

a) (7) 9 12 b) (9) 18 17 c) 15 (8) 20

4. Arrange the following in ascending order.

17 10 12 9 = 9 10 12 17

5. Arrange the following in descending order.

15 19 18 17 = 19 18 17 15

6. Write the missing numbers.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
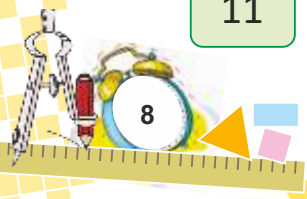
1. If 1 means A, 2 means B then what does 12 mean? | AB |

2. If 8 means 14, 12 means 15, 16 means 12 and 17 means 9, then circle the greatest number in the box.
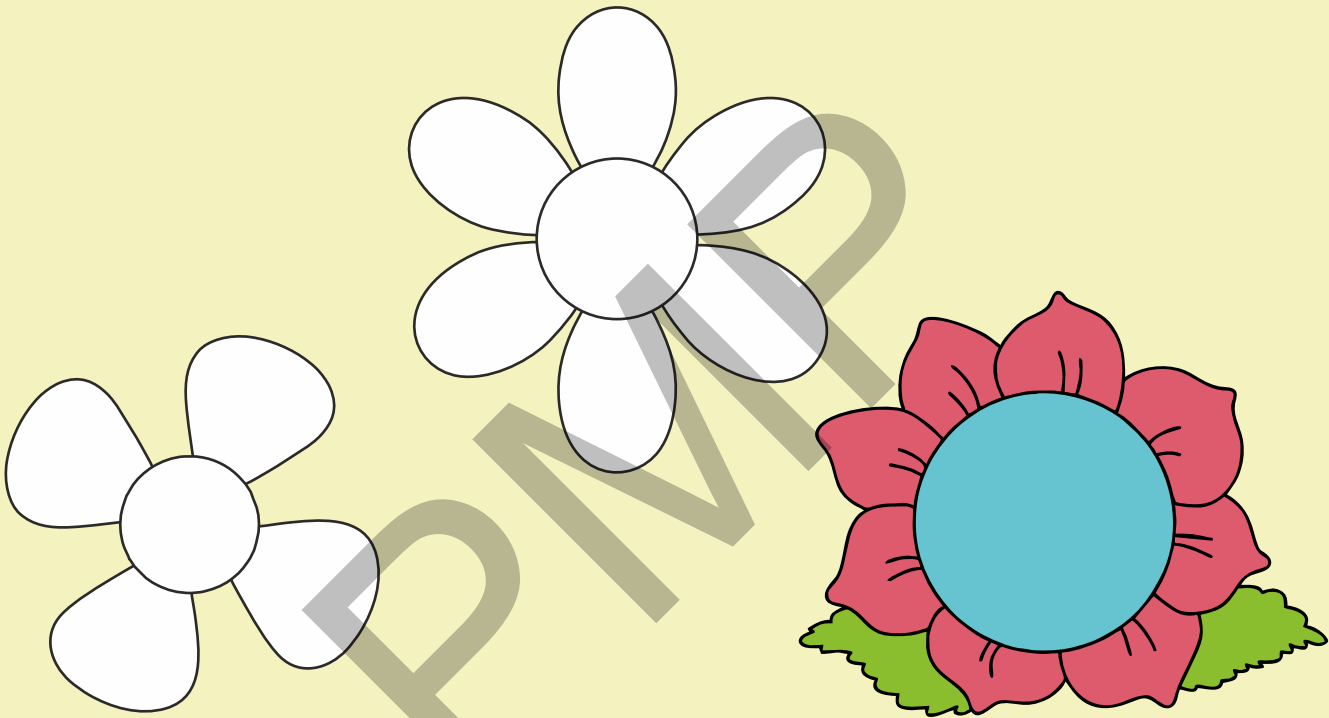
| 8 | (12) | 16 | 17 |

▪▪▪ Art Integration

**Colour the flower which has the largest number of petals.**

▪▪▪ SDG

A tree plantation drive was held in Rachit's school yesterday. Rachit planted 5 saplings, Kavya planted 9 saplings, Akriti planted 18 saplings and Aditi planted 12 saplings.

Who planted the least number of saplings?   **Ans.** Rachit

Who planted the greatest number of saplings?   **Ans.** Akriti

Why should we plant more and more trees?

Ans. Because trees absorb carbon dioxide from the nature and release oxygen.
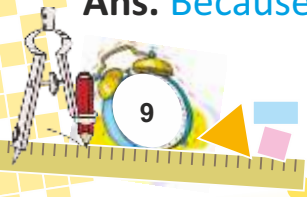
2 Addition up to 20

Look at the following pictures. Can you fill in the boxes with the correct numbers?

1.

I have 3 balloons in my left hand and 4 balloons in my right hand.

She has 7 balloons in all.

2.
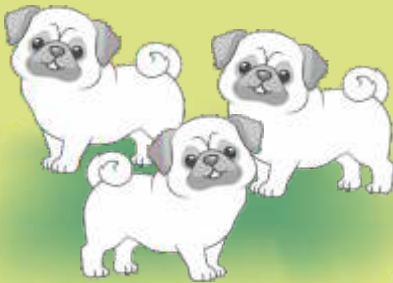
3 white puppies

6 brown puppies

There are 9 puppies in all.

![Quick Response 2.1] **Q**uick Response **2.1**

Count and add. One has been done for you.

| 2 | burgers | + | 1 | burger | = | 3 | burgers |

| 4 | ice-creams | + | 3 | ice-creams | = | 7 | ice-creams |

| 3 | cakes | + | 5 | cakes | = | 8 | cakes |
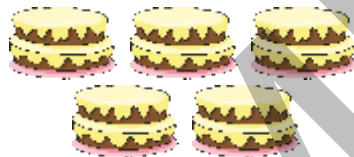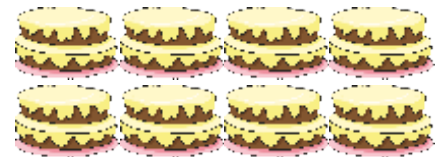
![Quick Response 2.2] **Q**uick Response **2.2**

Add 1 and write the numbers in the boxes.

1.

| 5 | + | 1 | = | 6 |
| 7 | + | 1 | = | 8 |

2.

| 9 | + | 1 | = | 10 |
| 6 | + | 1 | = | 7 |

3.

| 8 | + | 1 | = | 9 |
| 3 | + | 1 | = | 4 |

![Quick Response 2.3] **Q**uick Response **2.3**

Add 0 and write the numbers in the boxes.

1.

| 4 | + | 0 | = | 4 |

2.

| 7 | + | 0 | = | 7 |

3.

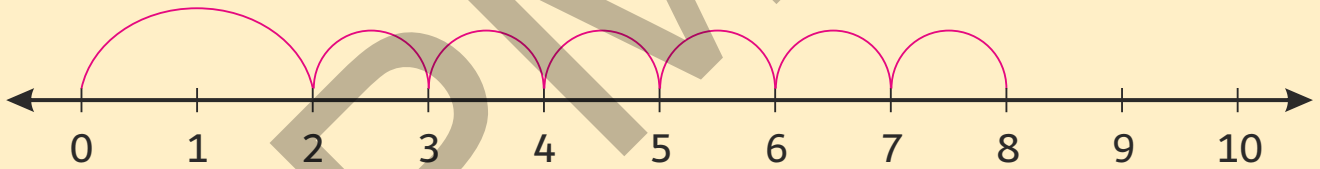| 9 | + | 0 | = | 9 |

Use the number line to add and write in the boxes.

1. $3 + 4 = 7$
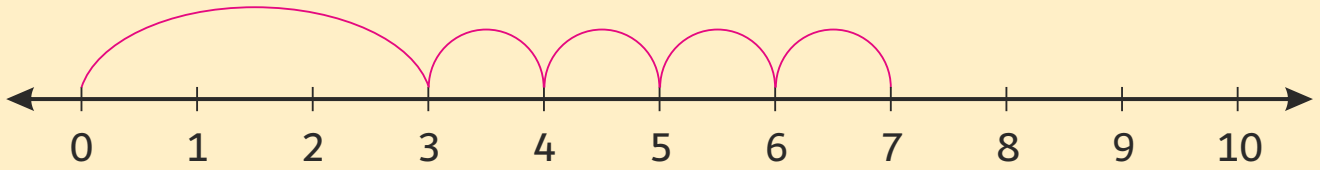
2. $4 + 5 = 9$
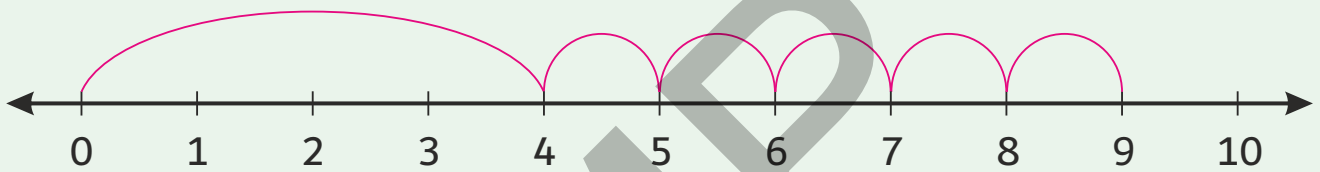
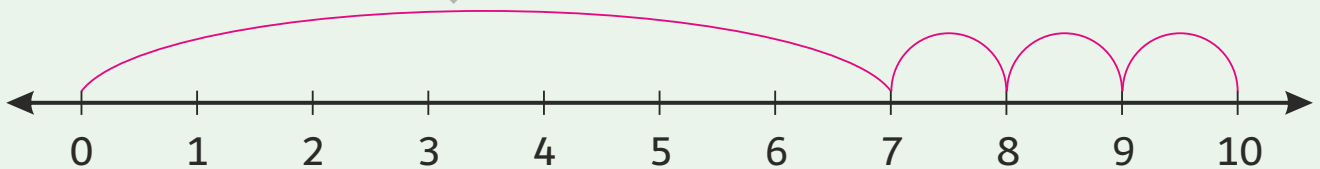

3. $2 + 6 = 8$

4. $7 + 3 = 10$

Add the following by forward counting.

1. 2 + 1 = 3
2. 3 + 2 = 5
3. 4 + 1 = 5
4. 1 + 8 = 9
5. 5 + 4 = 9
6. 4 + 2 = 6

7. 2 + 7 = 9
8. 5 + 0 = 5
9. 9 + 1 = 10
10. 8 + 0 = 8
11. 4 + 4 = 8
12. 4 + 6 = 10

Quick Response **2.6**

Add the following.

1.
$$\begin{array}{r} 3 \\ +\ 2 \\ \hline 5 \end{array}$$

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

3.
$$\begin{array}{r} 7 \\ +\ 2 \\ \hline 9 \end{array}$$

4.
$$\begin{array}{r} 2 \\ +\ 5 \\ \hline 7 \end{array}$$

5.
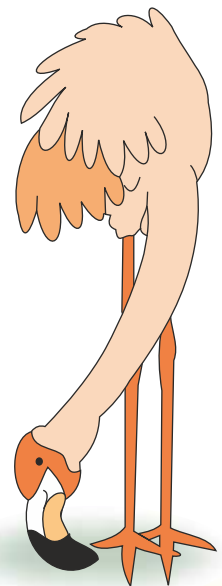$$\begin{array}{r} 3 \\ +\ 4 \\ \hline 7 \end{array}$$

6.
$$\begin{array}{r} 5 \\ +\ 5 \\ \hline 1\ 0 \end{array}$$

7.
$$\begin{array}{r} 9 \\ +\ 0 \\ \hline 9 \end{array}$$

8.
$$\begin{array}{r} 5 \\ +\ 1 \\ \hline 6 \end{array}$$

Maths FS-4

Quick Response 2.7

Add the following.

1.
```
    2
    3
  + 1
  ----
    6
```

2.
```
    3
    2
  + 2
  ----
    7
```

3.
```
    1
    0
  + 4
  ----
    5
```

4.
```
    4
    1
  + 2
  ----
    7
```

5.
```
    5
    1
  + 3
  ----
    9
```

6.
```
    6
    2
  + 1
  ----
    9
```

7.
```
    2
    2
  + 4
  ----
    8
```

8.
```
    3
    3
  + 3
  ----
    9
```

9.
```
    4
    2
  + 1
  ----
    7
```

Quick Response 2.8

1. Ritu has 3 balloons.
   Ankit has 4 balloons.
   They have total

```
    3
  + 4
  ----
    7
```
balloons.

2. Piyush has 3 marbles.
   Rohan has 5 marbles.
   Together they have

```
    3
  + 5
  ----
    8
```
marbles.
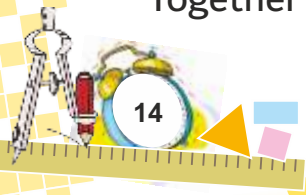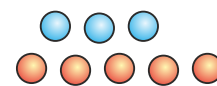
3. There are 3 red flowers.
There are 7 yellow flowers.
There are total

3
+ 7

| 1 | 0 | flowers.
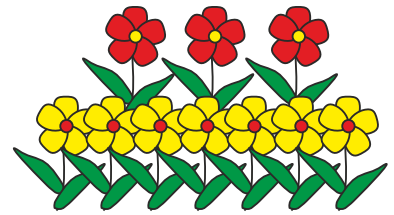
4. Tanya ate 4 pastries.
Rohit ate 5 pastries.
Together they ate

4
+ 5

9 pastries.

Quick Response 2.9

Add the following by forward counting.

1. 5 + 6 = 11
2. 7 + 5 = 12
3. 6 + 6 = 12
4. 4 + 9 = 13
5. 6 + 8 = 14
6. 7 + 7 = 14

7. 9 + 7 = 16
8. 10 + 2 = 12
9. 12 + 3 = 15
10. 13 + 4 = 17
11. 15 + 5 = 20
12. 18 + 2 = 20

Chapter Review

1. Add the following. Use the number line.

a)

4 + 5 = 9

0 1 2 3 4 5 6 7 8 9 10
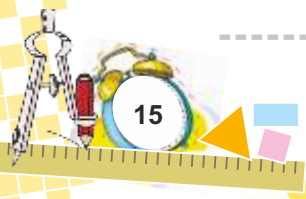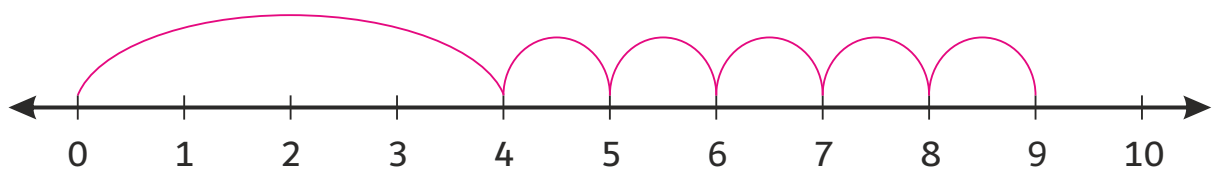
b)

$$10 + 6 = 16$$
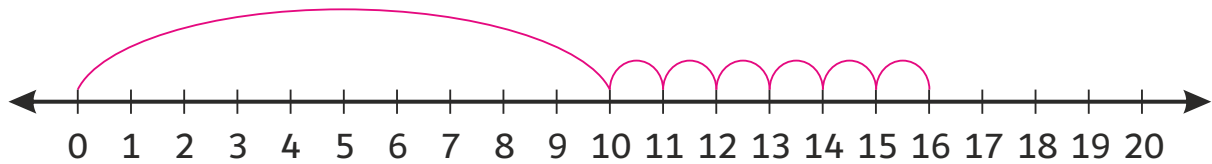
2. Add the following by forward counting.

a) $4 + 2 = \boxed{6}$ b) $3 + 4 = \boxed{7}$ c) $6 + 2 = \boxed{8}$

d) $1 + 7 = \boxed{8}$ e) $8 + 7 = \boxed{15}$ f) $12 + 5 = \boxed{17}$
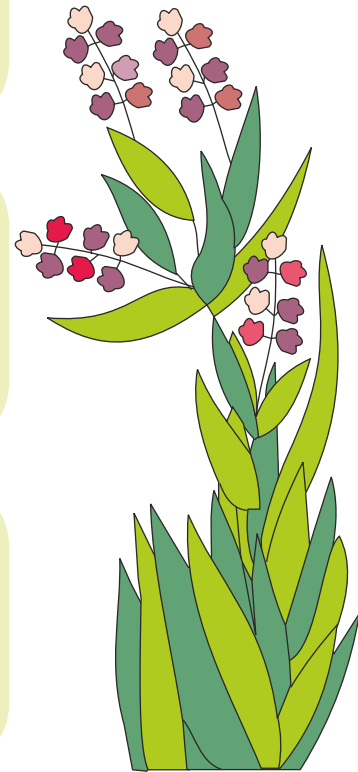
3. Add the following.

a)
$$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array}$$

b)
$$\begin{array}{r} 4 \\ + 0 \\ \hline 4 \end{array}$$

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

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

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

4. Add these too.

a)
$$\begin{array}{r} 2 \\ 1 \\ + 3 \\ \hline 6 \end{array}$$

b)
$$\begin{array}{r} 4 \\ 2 \\ + 3 \\ \hline 9 \end{array}$$

c)
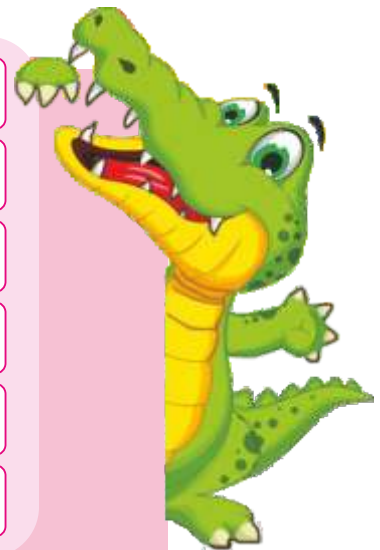$$\begin{array}{r} 1 \\ 3 \\ + 4 \\ \hline 8 \end{array}$$

d)
$$\begin{array}{r} 2 \\ 0 \\ + 5 \\ \hline 7 \end{array}$$

e)
$$\begin{array}{r} 3 \\ 2 \\ + 4 \\ \hline 9 \end{array}$$

5. Surbhi had 4 chocolates. Her father gave her 5 more chocolates. How many chocolates does she have in all ?

	4
+	5
	9

▪▪▪ Critical Thinking

1. There are 3 children standing in a field. Each child has 3 marbles. How many marbles do they have altogether? **Ans.** 9

2. Are 2+7 and 7+2 the same? **Ans.** Yes
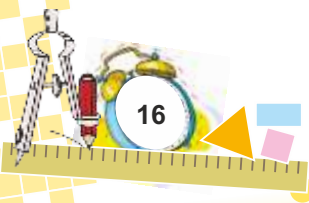
Jia, Ravi and John live in a colony. One day, they decided to donate some notebooks, pencils and erasers to the children of their maids. They donated 5 notebooks, 7 pencils and 6 erasers.

How many items did they donate altogether?

18
_____

What value does this activity depict?

Helpfulness, Kindness
_____

■■■ Art Integration

Colour the picture of fruits, count each type and find the total.

Colour the fruits yourself
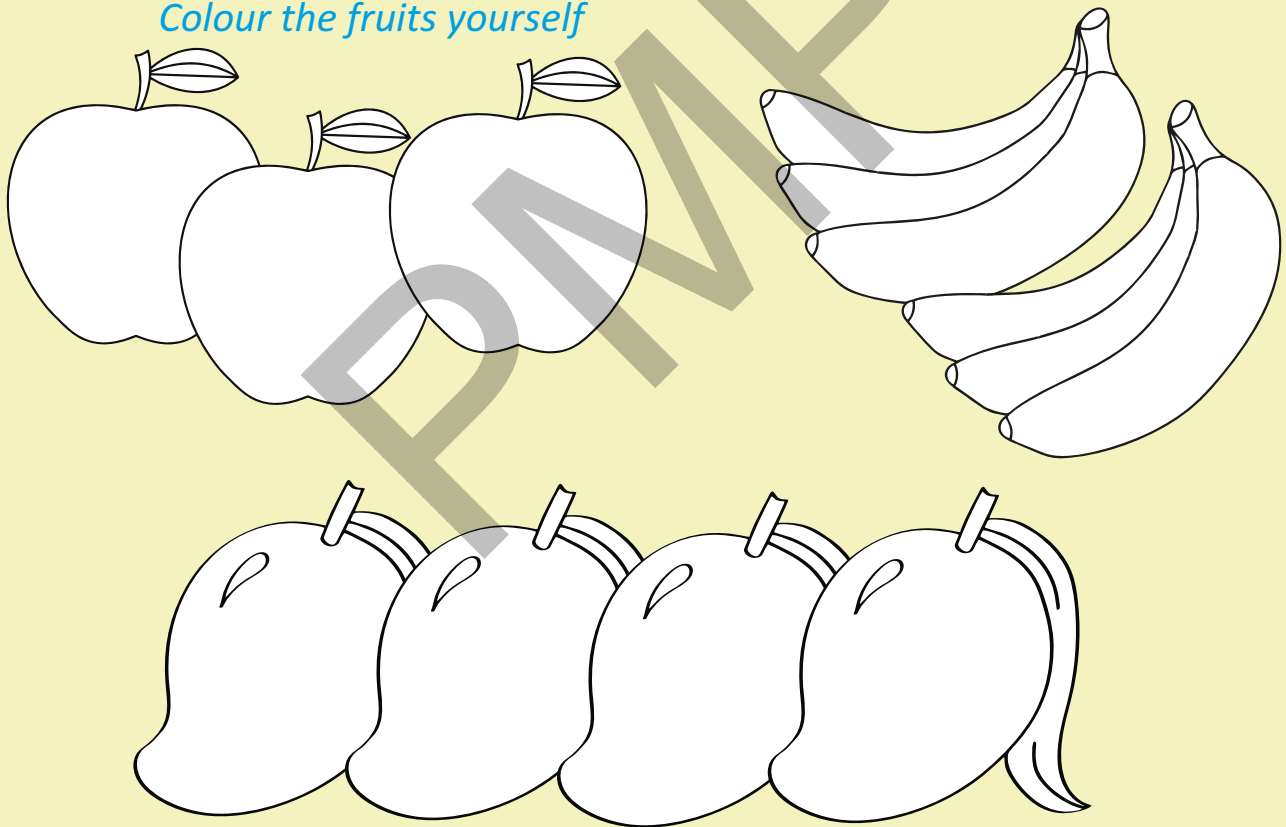
Mango 4 + Banana 6 + Apple 3 = 13 total fruits

3 Subtraction up to 20

Get Ready

Look at the pictures. Fill in the boxes with correct numbers.

1. There were 5 birds on the tree. 2 flew away.

   There are [3] birds left on the tree.

2. 4 starfish were on the beach.
   1 starfish moved into the sea.
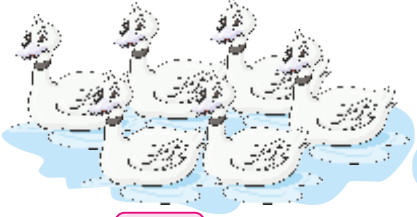
   There are [3] starfish left on the beach.
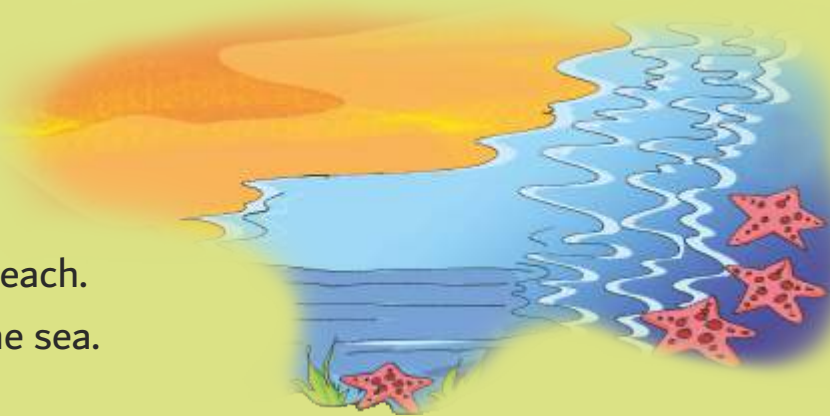
Count, write and subtract.

1.

| 3 | parrots | − | 2 | parrots | = | 1 | parrot |

2.

| 6 | ducks | − | 3 | ducks | = | 3 | ducks |

3.

| 6 | butterflies | − | 2 | butterflies | = | 4 | butterflies |

Quick Response 3.2

Subtract 1 and write the numbers in the boxes.

1. 3 − 1 = 2

2. 2 − 1 = 1

3. 5 − 1 = 4

4. 4 − 1 = 3

5. 7 − 1 = 6

6. 6 − 1 = 5

7. 8 − 1 = 7

8. 9 − 1 = 8

9. 9 − 1 = 8

10. 11 − 1 = 10

11. 10 − 1 = 9

12. 12 − 1 = 11

Quick Response 3.3

Subtract 0 and write the numbers in the boxes.

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

Quick Response 3.4

Subtract the following.

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

Quick Response 3.5

Subtract the following on the number line.

1. $5 - 3 = 2$

0 1 2 3 4 5 6 7 8 9 10

2.

$6 - 5 = 1$


```
←———————————————————————————————————→
0   1   2   3   4   5   6   7   8   9   10
```

3.

$8 - 4 = 4$

```
←———————————————————————————————————→
0   1   2   3   4   5   6   7   8   9   10
```

4.

$10 - 5 = 5$

```
←———————————————————————————————————→
0   1   2   3   4   5   6   7   8   9   10
```
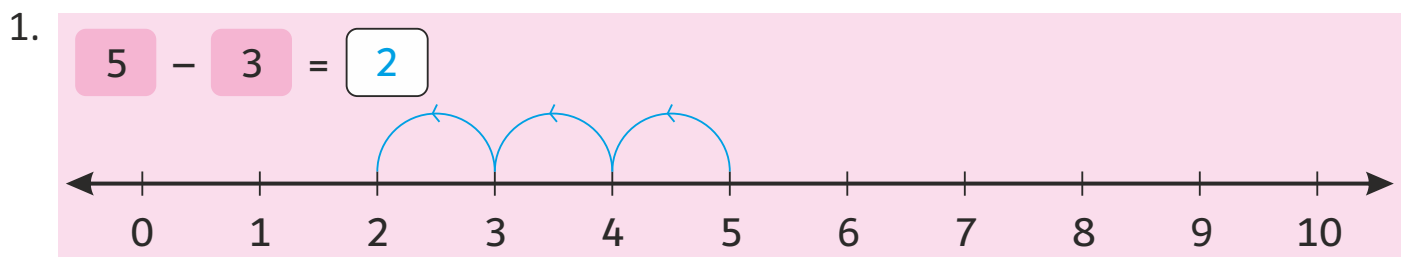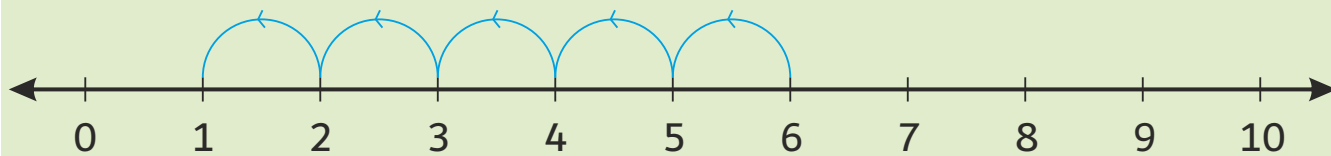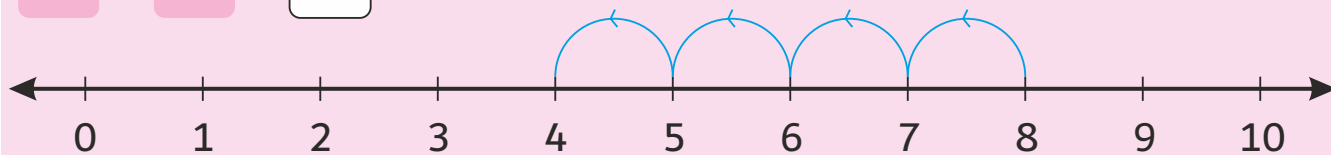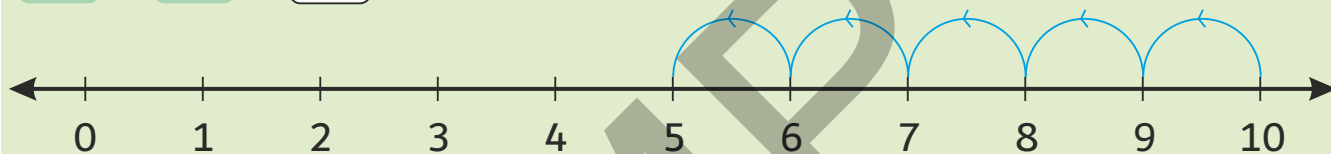
Quick Response 3.6

Subtract the following by backward counting.

1. $4 - 2 = 2$
2. $9 - 3 = 6$
3. $6 - 0 = 6$
4. $7 - 5 = 2$
5. $3 - 2 = 1$

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

Subtract the following.

1.
$$\begin{array}{r} 7 \\ -\ 2 \\ \hline 5 \end{array}$$

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

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

4.
$$\begin{array}{r} 6 \\ -\ 1 \\ \hline 5 \end{array}$$

5.
$$\begin{array}{r} 4 \\ -\ 3 \\ \hline 1 \end{array}$$

6.
$$\begin{array}{r} 9 \\ -\ 7 \\ \hline 2 \end{array}$$

7.
$$\begin{array}{r} 5 \\ -\ 4 \\ \hline 1 \end{array}$$

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

9.
$$\begin{array}{r} 8 \\ -\ 6 \\ \hline 2 \end{array}$$

10.
$$\begin{array}{r} 8 \\ -\ 7 \\ \hline 1 \end{array}$$

11.
$$\begin{array}{r} 9 \\ -\ 4 \\ \hline 5 \end{array}$$

12.
$$\begin{array}{r} 4 \\ -\ 1 \\ \hline 3 \end{array}$$

13.
$$\begin{array}{r} 7 \\ -\ 4 \\ \hline 3 \end{array}$$

14.
$$\begin{array}{r} 5 \\ -\ 2 \\ \hline 3 \end{array}$$

15.
$$\begin{array}{r} 9 \\ -\ 9 \\ \hline 0 \end{array}$$

16.
$$\begin{array}{r} 8 \\ -\ 2 \\ \hline 6 \end{array}$$

1. There were 5 ladoos.
Sia ate 3 ladoos.
How many ladoos are still left?

$$\begin{array}{r} 5 \\ -\ 3 \\ \hline 2 \end{array}$$

2. There were 8 children in the park. 4 children went away. How many children are still in the park?

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

3. Rosy had 9 toys. She gave 5 toys to her friends. How many toys does Rosy have now?

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

Quick Response 3.9

Subtract the following by backward counting.

1. $10 - 4 = 6$
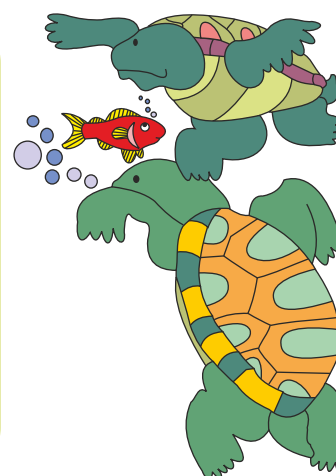2. $12 - 3 = 9$
3. $14 - 7 = 7$
4. $15 - 6 = 9$
5. $13 - 5 = 8$

6. $18 - 9 = 9$
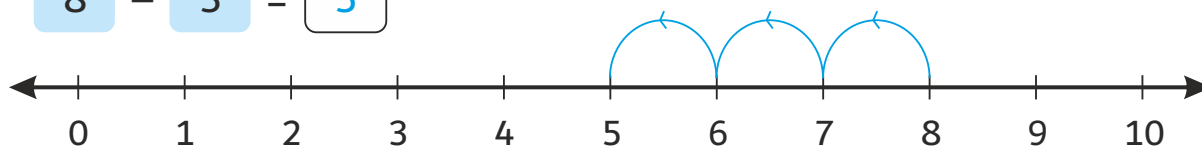7. $14 - 6 = 8$
8. $16 - 8 = 8$
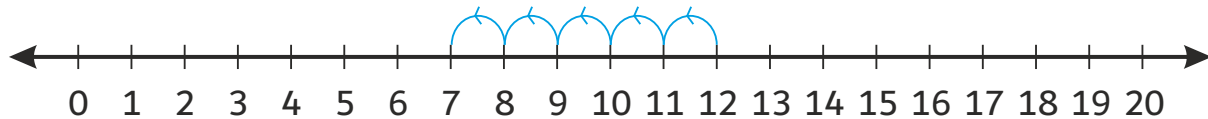9. $20 - 6 = 14$
10. $11 - 4 = 7$

Chapter Review

1. Subtract the following on the number line.

a) $8 - 3 = 5$

b)

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

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

2. Subtract the following by backward counting.

a) $7 - 5 = \boxed{2}$ b) $5 - 2 = \boxed{3}$ c) $9 - 6 = \boxed{3}$

d) $8 - 4 = \boxed{4}$ e) $7 - 4 = \boxed{3}$ f) $6 - 2 = \boxed{4}$

3. Subtract the following.

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

b)
$$\begin{array}{r} 5 \\ -\ 0 \\ \hline \boxed{5} \end{array}$$

c)
$$\begin{array}{r} 7 \\ -\ 7 \\ \hline \boxed{0} \end{array}$$

d)
$$\begin{array}{r} 8 \\ -\ 6 \\ \hline \boxed{2} \end{array}$$

e)
$$\begin{array}{r} 9 \\ -\ 4 \\ \hline \boxed{5} \end{array}$$

4. Divya lit 7 candles. 3 out of them went off due to the fast blowing wind. How many candles are still lit?

	7
−	3
	4

5. Subtract these, too, by backward counting.

a) $12 - 4 = \boxed{8}$ b) $17 - 9 = \boxed{8}$ c) $18 - 8 = \boxed{10}$

■■■ Critical Thinking

There were 15 toffees in a jar. Kavya took away 4 toffees and ate them. After some time, she took away 6 more toffees. How many toffees are still left in the jar? **Ans.** $15 - 4 = 11 - 6 = 5$

Ankita got 9 different types of toys on her birthday. Her younger brother wanted to get 2 toys. Ankita gave 2 toys to her brother. How many toys are still left with Ankita? __9 – 2 = 7_____

What quality does Ankita depict? __Affection for youngers, Sharing_____

_____

■■■ Cross Curricular

Count and write total food items shown in the picture. Also, count and write the junk food items and healthy food items in the box. Find the total number of the healthy food items.
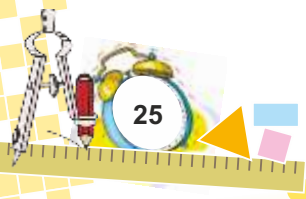

Total food items	Junk food	Healthy food
9	3	6

■■■ Art Integration

Colour the hut as per the colour scheme: 10-7 Red, 15-8 Green, 18-9 Pink
Do it yourself.

Get Ready

Count and write the number of each object.

🕯️	🎈	⭐	🍬	🍰	🎉
6	7	17	21	12	14

1. Fill in the missing numbers.

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. Match the numbers with number names.

a) 21

b) 27

c) 30

d) 35

e) 43

f) 50

Thirty

Forty-three

Twenty-one

Fifty

Twenty-seven

Thirty-five

3. Write the number that comes.

Just before	Between	Just after
a) **26** 27	a) 19 **20** 21	a) 18 **19**
b) **32** 33	b) 28 **29** 30	b) 25 **26**
c) **47** 48	c) 37 **38** 39	c) 45 **46**
d) **49** 50	d) 40 **41** 42	d) 47 **48**
e) **15** 16	e) 48 **49** 50	e) 49 **50**

4. Join the dots from 21 to 50 to get a picture. Also colour the picture.

Do it yourself.

Quick Response 4.2

1. Make a group of 10 and write how many are left.
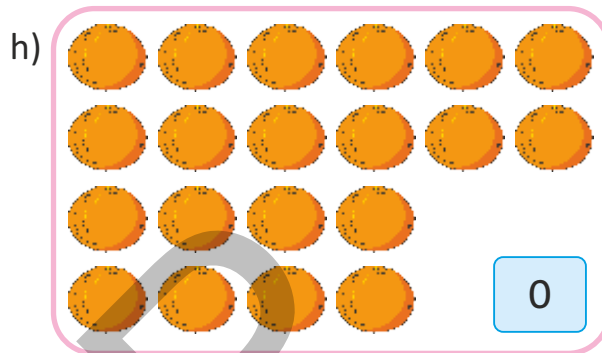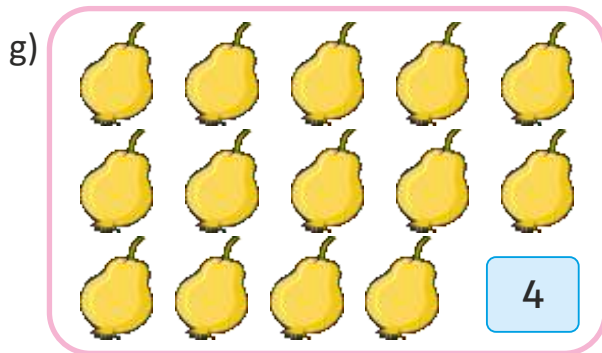
a)

3

b)

5

c)

2

d)

0

e) `8`

f) `7`

g) `4`

h) `0`
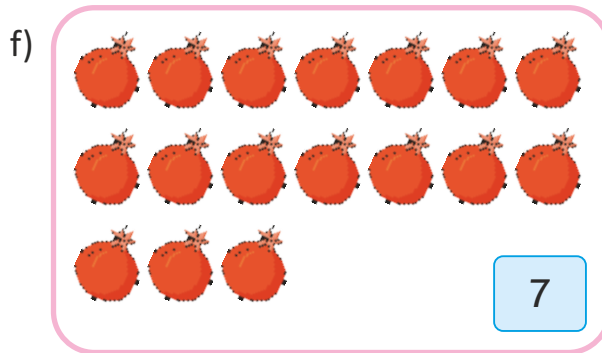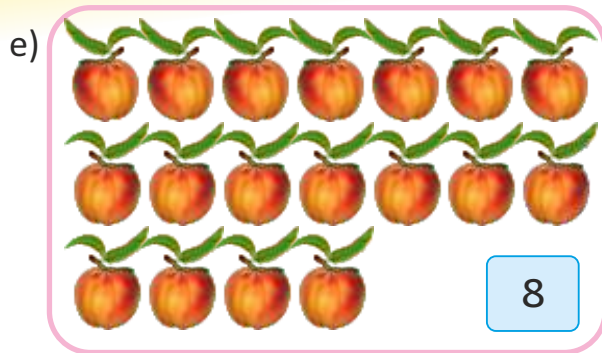
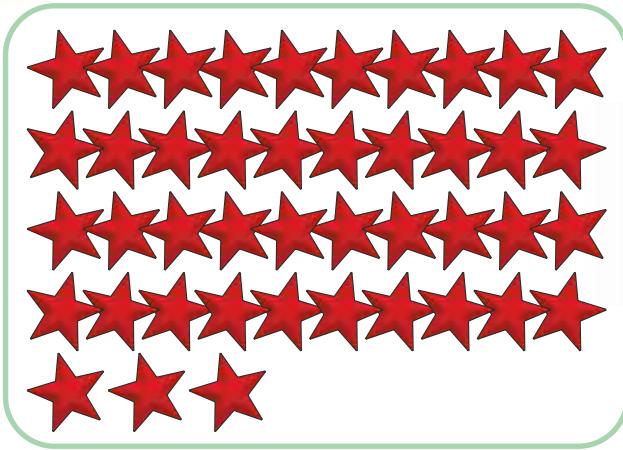**2. Convert the following into tens and ones. One has been done for you.**

b)   `15` ones = `1` tens `5` ones

c) `33` ones = `3` tens `3` ones

d)

$\boxed{43}$ ones = $\boxed{4}$ tens $\boxed{3}$ ones

3. Write the number and number names.

		Number	Number names
a)	2 tens and 4 ones	24	Twenty-four
b)	4 tens and 3 ones	43	Forty-three
c)	2 tens and 2 ones	22	Twenty-two
d)	0 tens and 7 ones	7	Seven
e)	3 tens and 8 ones	38	Thirty-eight
f)	5 tens and 0 ones	50	Fifty

Quick Response 4.3

1. **Count the beads on the abacus and write the numbers. One has been done for you.**

a) **25**

T	O
2	5

b) **26**

T	O
2	6

c) **35**

T	O
3	5

d) **37**

T	O
3	7

e) **48**

T	O
4	8

f) **19**

T	O
1	9

g) **45**

T	O
4	5

h) **49**

T	O
4	9
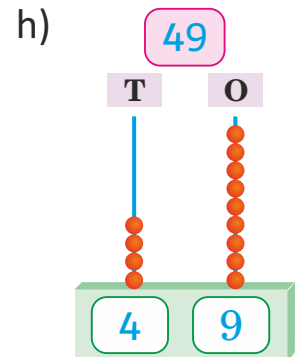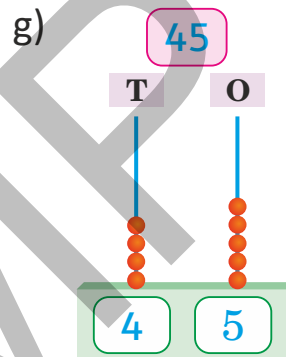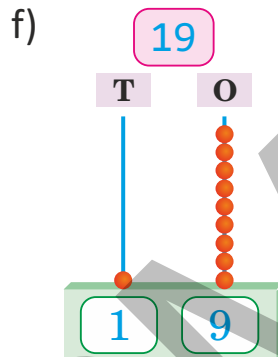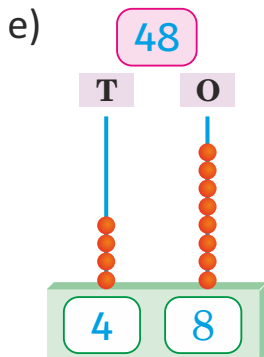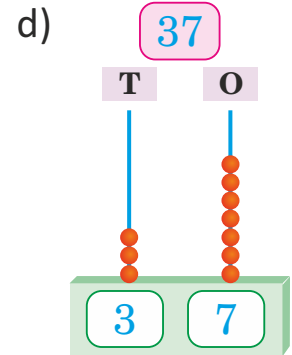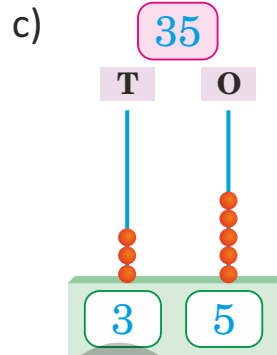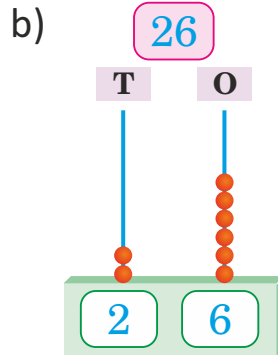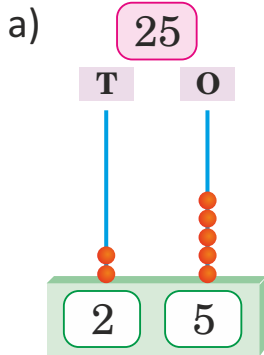
2. **Draw beads on the abacus for the given numbers. Also write their positions. One has been done for you.**

a) **37**

T	O
3	7

b) **20**

T	O
2	0

c) **32**

T	O
3	2

d) **10**

T	O
1	0

e) **43**

T	O
4	3

f) **38**

T	O
3	8

g) **40**

T	O
4	0

h) **48**

T	O
4	8
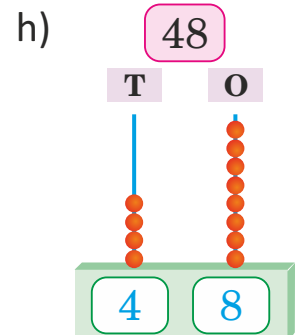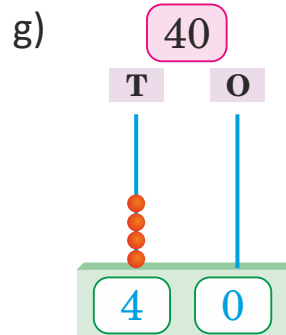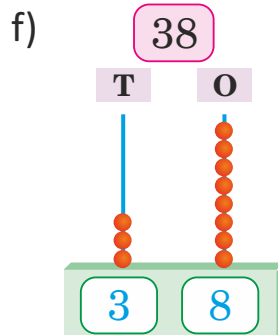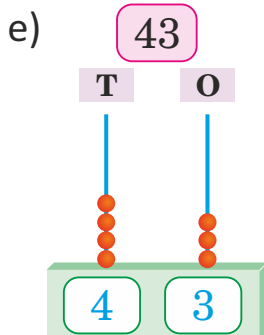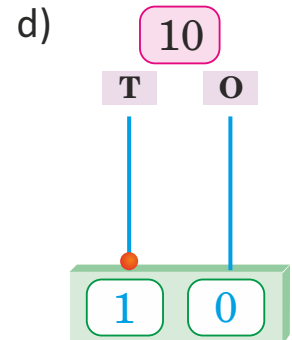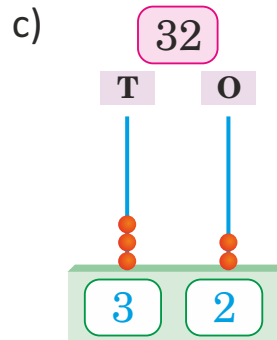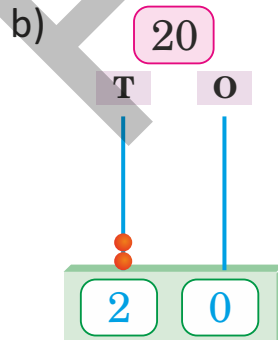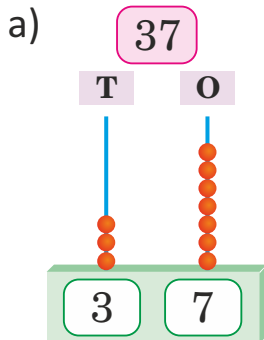
Quick Response 4.4

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

1. 7 < 12
2. 15 > 9
3. 17 = 17
4. 19 < 22
5. 22 > 21

6. 20 < 32
7. 27 = 27
8. 32 > 18
9. 46 < 49
10. 51 > 42

11. 39 < 42
12. 45 < 49
13. 29 > 27
14. 40 < 50
15. 32 < 36

Quick Response 4.5

1. **Arrange the given numbers in ascending order.**

a) 30 20 40 10 = 10 20 30 40

b) 28 14 42 32 = 14 28 32 42

c) 36 47 22 38 = 22 36 38 47

d) 25 23 27 39 = 23 25 27 39

e) 38 47 41 32 = 32 38 41 47

2. Arrange the following in descending order.

a) 22 46 33 15 = | 46 | 33 | 22 | 15 |

b) 34 42 28 19 = | 42 | 34 | 28 | 19 |

c) 29 20 24 27 = | 29 | 27 | 24 | 20 |

d) 32 41 38 43 = | 43 | 41 | 38 | 32 |

e) 42 44 46 47 = | 47 | 46 | 44 | 42 |

Chapter Review

1. Write the following in words.

a) 24 = __Twenty-four_____

b) 37 = __Thirty-seven_____

2. Write the following in numerals.

a) Thirty-four = ____34____

b) Forty-eight = ____48____

3. Write the number that comes.

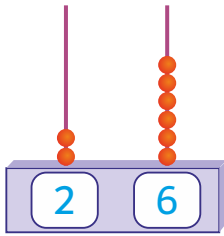| Just before		Between			Just after	
a) 37	38	a) 20	21	22	a) 39	40
b) 24	25	b) 34	35	36	b) 27	28
c) 49	50	c) 47	48	49	c) 42	43
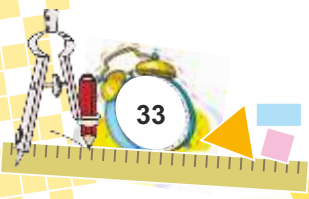
4. Represent the following numbers on abacus. Also write their positions.

a) 26

| 2 | 6 |

b) 39

| 3 | 9 |

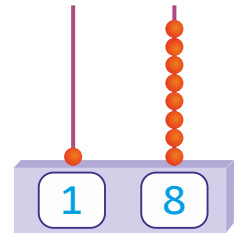c) 44

| 4 | 4 |

d) 18
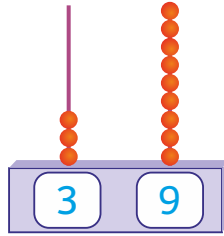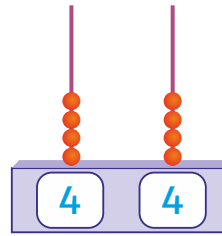
| 1 | 8 |

5. Arrange the following in ascending order.

a)
| 22 | 46 | 33 | 15 | = | 15 | 22 | 33 | 46 |

b)
| 34 | 42 | 28 | 19 | = | 19 | 28 | 34 | 42 |

6. Arrange the following in descending order.

a)
| 27 | 42 | 19 | 34 | = | 42 | 34 | 27 | 19 |

b)
| 34 | 43 | 38 | 44 | = | 44 | 43 | 38 | 34 |

▪▪▪ Critical Thinking

1. I am a 2-digit number less than 20. If the sum of my digits is 6, which number am I? **Ans. 15**

2. Which digit comes the most number of times when you count from 31 to 40 ?   3

▪▪▪ SDG

One day Ronit, Aman and Sweety saw the news about water shortage on the TV. They decided to save water. Ronit saved 38 mugs of water, Aman saved 29 mugs of water and Sweety saved 42 mugs of water in a week. Who saved the most amount of water?

Sweety_____

Do you also save water? Yes_____

Read the following passage. Circle all the vowels. Count them and write in the box.

Honesty is a trait to become a good human being. It is the ability to speak the truth. An honest person always speaks the truth without any fear. Everyone likes an honest person. Honesty leaves a significant impact on society. An honest person lives a peaceful life because they have nothing to fear. But a dishonest person lives in fear that his lies can get disclosed.

Therefore, it is necessary to follow the path of honesty to live a peaceful life.

Total number of vowels = **146**

■■■ **Art Integration**

Write the following numbers in decorative form with sketch pens.
Do it yourself.

Maths FS-4

5 Addition and Subtraction up to 50

Get Ready

1. **Count, write and add.**

   a) | 5 | + | 2 | = | 7 |

   b) | 8 | + | 2 | = | 10 |

2. **Add the following.**

   a) $3 + 2 =$ 5

   b) $5 + 4 =$ 9

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

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

3. **Count and subtract.**

   a) | 6 | – | 2 | = | 4 |

   b) | 7 | – | 4 | = | 3 |

4. **Subtract the following.**

   a) $5 - 4 =$ 1

   b) $8 - 3 =$ 5

   c)
   $$\begin{array}{r} 4 \\ -\ 2 \\ \hline 2 \end{array}$$

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

Maths FS-4

1. **Add the following. The numbers are placed in tens and ones column.**

a)

T	O
2	4
+	2
2	6

b)

T	O
1	3
+	4
1	7

c)

T	O
1	7
+	2
1	9

d)

T	O
2	3
+	6
2	9

e)

T	O
1	4
+	3
1	7

f)

T	O
3	4
+	4
3	8

g)

T	O
4	2
+	6
4	8

h)

T	O
4	5
+	3
4	8

2. **Place the numbers in tens and ones columns and then add. One has been done for you.**

a) 15 + 4

T	O
1	5
+	4
1	9

b) 23 + 3

T	O
2	3
+	3
2	6

c) 20 + 5

T	O
2	0
+	5
2	5

d) 32 + 6

T	O
3	2
+	6
3	8

e) 14 + 3

T	O
1	4
+	3
1	7

f) 21 + 8

T	O
2	1
+	8
2	9

g) 42 + 5

T	O
4	2
+	5
4	7

h) 41 + 7

T	O
4	1
+	7
4	8
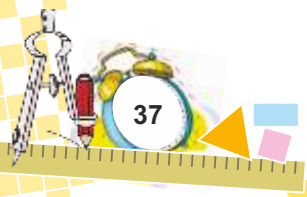
Quick Response 5.2

1. Add the following. Numbers are already placed in tens and ones column.

a)
T	O
2	4
+ 2	2
4	**6**

b)
T	O
3	2
+ 1	4
4	**6**

c)
T	O
2	1
+ 2	0
4	**1**

d)
T	O
1	4
+ 1	2
2	**6**

e)
T	O
3	0
+ 1	9
4	**9**

f)
T	O
3	2
+ 1	5
4	**7**

g)
T	O
2	7
+ 2	2
4	**9**

h)
T	O
3	1
+ 1	8
4	**9**

2. Place the numbers in tens and ones columns and then add. One has been done for you.

a) 24 + 23
T	O
2	4
+ 2	3
4	7

b) 13 + 21
T	O
1	3
+ 2	1
3	4

c) 14 + 15
T	O
1	4
+ 1	5
2	9

d) 26 + 12
T	O
2	6
+ 1	2
3	8

e) 31 + 14
T	O
3	1
+ 1	4
4	5

f) 32 + 14
T	O
3	2
+ 1	4
4	6

g) 24 + 22
T	O
2	4
+ 2	2
4	6

h) 40 + 10
T	O
4	0
+ 1	0
5	0

Solve the following word problems.

1. There were 32 passengers in a bus. At the next stop, 15 more passengers boarded the bus. How many passengers are there in the bus altogether?

T	O
3	2
+ 1	5
4	7

2. Ali has 15 blue balloons and 12 red balloons. How many balloons does he have in all?

T	O
1	5
+ 1	2
2	7

3. Kavya has 24 pencils and her sister has 14 pencils. How many pencils do they have altogether?

T	O
2	4
+ 1	4
3	8

4. There are 32 big fish and 17 small fish in a pond. How many fish are there in all in the pond?

T	O
3	2
+ 1	7
4	9

5. A fruit seller sold 24 bananas and 25 apples. How many fruits did he sell altogether?

T	O
2	4
+ 2	5
4	9

6. There were 42 birds sitting on a tree. 7 more birds came to the tree. How many birds were there in all on the tree?

T	O
4	2
+	7
4	9

7. Aditi distributed 34 toffees and ate 4 toffees. How many toffees did Aditi have in all?

	T	O
	3	4
+		4
	3	8

8. Jitesh lit 22 candles and his sister lit 16 candles on Diwali. How many candles did they light altogether?

	T	O
	2	2
+	1	6
	3	8

Quick Response 5.4

1. Subtract the following. The numbers are placed in tens and ones column.

a)
	T	O
	1	7
−		5
	1	2

b)
	T	O
	2	4
−		3
	2	1

c)
	T	O
	3	8
−		7
	3	1

d)
	T	O
	1	9
−		6
	1	3

e)
	T	O
	2	8
−		4
	2	4

f)
	T	O
	4	5
−		5
	4	0

g)
	T	O
	3	7
−		7
	3	0

h)
	T	O
	4	8
−		5
	4	3

2. Place the numbers in the correct columns and subtract. One has been done for you.

a) 15 – 4
	T	O
	1	5
−		4
	1	1

b) 19 – 5
	T	O
	1	9
−		5
	1	4

c) 28 – 2
	T	O
	2	8
−		2
	2	6

d) 27 – 6
	T	O
	2	7
−		6
	2	1

e)

18 – 5	
T	**O**
1	8
–	5
1	3

f)

29 – 3	
T	**O**
2	9
–	3
2	6

g)

38 – 7	
T	**O**
3	8
–	7
3	1

h)

48 – 8	
T	**O**
4	8
–	8
4	0

Quick Response 5.5

1. Subtract the following.

a)

T	**O**
2	8
– 1	4
1	4

b)

T	**O**
1	9
– 1	2
0	7

c)

T	**O**
2	7
– 1	5
1	2

d)

T	**O**
3	8
– 2	4
1	4

e)

T	**O**
3	4
– 1	4
2	0

f)

T	**O**
4	8
– 3	7
1	1

g)

T	**O**
3	5
– 2	2
1	3

h)

T	**O**
4	9
– 3	3
1	6

2. Place the numbers in the correct columns and subtract. One has been done for you.

a)

18 – 12	
T	**O**
1	8
– 1	2
0	6

b)

25 – 14	
T	**O**
2	5
– 1	4
1	1

c)

27 – 14	
T	**O**
2	7
– 1	4
1	3

d)

32 – 11	
T	**O**
3	2
– 1	1
2	1

Maths FS-4
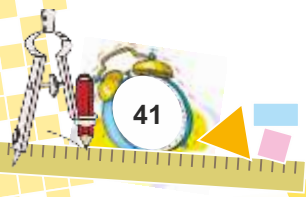
e) 37 − 22

T	O
3	7
− 2	2
1	5

f) 39 − 27

T	O
3	9
− 2	7
1	2

g) 48 − 34

T	O
4	8
− 3	4
1	4

h) 49 − 29

T	O
4	9
− 2	9
2	0

Quick Response 5.6

Solve the following.

1. Ria had 28 toffees. She gave away 15 toffees to her friends. How many toffees are still left with her?

T	O
2	8
− 1	5
1	3

2. A balloon seller had 34 balloons. He sold 22 balloons. How many balloons are still left with him?

T	O
3	4
− 2	2
1	2

3. A garland maker collected 47 flowers. He used only 24 flowers. How many flowers are still left with him?

T	O
4	7
− 2	4
2	3

4. There were 48 pages in a colouring book. Rubi coloured 34 pages. How many uncoloured pages are still left?

T	O
4	8
− 3	4
1	4

5. There are 37 passengers in a bus. 32 of them are males. How many females are there in the bus?

$$
\begin{array}{r}
\text{T O} \\
3\ 7 \\
-\ 3\ 2 \\
\hline
0\ 5
\end{array}
$$

Chapter Review

1. Add the following.

a)
$$
\begin{array}{r}
2\ 3 \\
+\quad 4 \\
\hline
2\ 7
\end{array}
$$

b)
$$
\begin{array}{r}
1\ 2 \\
+\quad 4 \\
\hline
1\ 6
\end{array}
$$

c)
$$
\begin{array}{r}
3\ 2 \\
+\quad 5 \\
\hline
3\ 7
\end{array}
$$

d)
$$
\begin{array}{r}
3\ 8 \\
+\ 1\ 0 \\
\hline
4\ 8
\end{array}
$$

e)
$$
\begin{array}{r}
1\ 4 \\
+\ 3\ 2 \\
\hline
4\ 6
\end{array}
$$

f)
$$
\begin{array}{r}
2\ 0 \\
+\ 2\ 4 \\
\hline
4\ 4
\end{array}
$$

g)
$$
\begin{array}{r}
3\ 6 \\
+\ 1\ 2 \\
\hline
4\ 8
\end{array}
$$

h)
$$
\begin{array}{r}
1\ 5 \\
+\ 3\ 4 \\
\hline
4\ 9
\end{array}
$$

2. Subtract the following.

a)
$$
\begin{array}{r}
4\ 5 \\
-\quad 3 \\
\hline
4\ 2
\end{array}
$$

b)
$$
\begin{array}{r}
3\ 7 \\
-\quad 4 \\
\hline
3\ 3
\end{array}
$$

c)
$$
\begin{array}{r}
2\ 7 \\
-\quad 7 \\
\hline
2\ 0
\end{array}
$$

d)
$$
\begin{array}{r}
4\ 8 \\
-\quad 6 \\
\hline
4\ 2
\end{array}
$$

e)
$$
\begin{array}{r}
3\ 8 \\
-\ 2\ 4 \\
\hline
1\ 4
\end{array}
$$

f)
$$
\begin{array}{r}
4\ 5 \\
-\ 1\ 4 \\
\hline
3\ 1
\end{array}
$$

g)
$$
\begin{array}{r}
2\ 9 \\
-\ 1\ 8 \\
\hline
1\ 1
\end{array}
$$

h)
$$
\begin{array}{r}
4\ 6 \\
-\ 2\ 0 \\
\hline
2\ 6
\end{array}
$$

3. Solve the following.

1. Anu collected 27 stamps. Her friend gave her 21 more stamps. How many stamps does Anu have in all?

$$
\begin{array}{r}
2\ 7 \\
+\ 2\ 1 \\
\hline
4\ 8
\end{array}
$$

2. A balloon seller had 46 balloons. He sold 24 balloons. How many balloons does he have now?

$$\begin{array}{r} 4\;6 \\ -\;2\;4 \\ \hline 2\;2 \end{array}$$
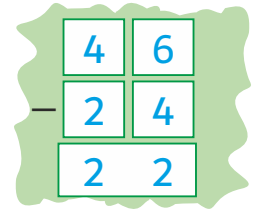
Abhi was asked to add 25 and 24. But he added 25 and 14, and got the answer 39. What should he add to 39 to get the correct answer? **Ans.** 39 + 10 = 49

■■■ Cross Curricular

Aashi has decorated her house with candles and diyas on Diwali. Count the candles and diyas and write them in the boxes. Find their total number and fill in the box.

5	+	28	=	33

■■■ Social-emotional Learning

One day Aditi and her friends bought 58 chocolates to donate in a nearby orphanage. There were 42 children in the orphanage. If they gave 1 chocolate to each child, how many chocolates were left with them?__58 – 42 = 16_____

What value do they represent by this activity?____Kindness and Helpfulness____

■■■ Art Integration

Colour the boat which has the result of a sum done incorrectly.
Do it yourself.

Model Test Paper - I

(Based on Chapters 1 to 5)

1. **Tick (✓) the correct option:**

a) What comes between 6 and 8 ?

   i) 5 ☐   ii) 7 ✓   iii) 9 ☐

b) Which of the following is the greatest?

   i) 27 ☐   ii) 35 ☐   iii) 49 ✓

c) 9 + 0 = ?

   i) 0 ☐   ii) 9 ✓   iii) 1 ☐

d) What comes before 48 ?

   i) 46 ☐   ii) 47 ✓   iii) 49 ☐

e) 23 + 5 = ?

   i) 27 ☐   ii) 28 ✓   iii) 29 ☐

2. **Write the numbers that come before:**

a) 36 37   b) 24 25   c) 42 43   d) 49 50

3. **Write the numbers that come after:**

a) 9 10   b) 18 19   c) 27 28   d) 41 42

4. **Write the numbers that come between:**

a) 12 13 14   b) 20 21 22   c) 39 40 41

5. **Circle the bigger number in each pair.**

a) 9 (17)   b) 21 (27)   c) (35) 16   d) (48) 35
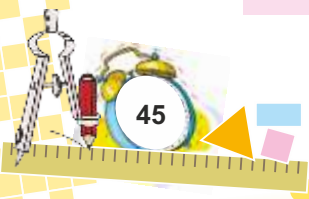
6. **Arrange the following in ascending order.**

a) 16, 9, 21, 15 = __9__, __15__, __16__, __21__

b) 27, 35, 20, 45 = __20__, __27__, __35__, __45__

7. **Arrange the following in descending order.**

a) 15, 24, 10, 39 = __39__, __24__, __15__, __10__

b) 42, 18, 28, 48 = __48__, __42__, __28__, __18__

8. **Write the following in numbers.**

a) Twenty-nine = __29__

b) Thirty-six = __36__

9. **Add the following.**

a)
```
  2 4
+   5
-----
  2 9
```

b)
```
  1 2
+ 2 5
-----
  3 7
```

c)
```
  3 4
+ 1 3
-----
  4 7
```

d)
```
  3 4
+ 2 4
-----
  5 8
```

10. **Subtract the following.**

a)
```
  3 5
-   4
-----
  3 1
```

b)
```
  3 6
- 1 4
-----
  2 2
```

c)
```
  4 7
- 2 3
-----
  2 4
```

d)
```
  4 8
- 2 5
-----
  2 3
```

11. **Kavya had 24 marbles. She got 21 more marbles. How many marbles does she have now?**

	2	4
+	2	1
	4	5

12. **Aditi had 36 toffees. She distributed 24 of them among her friends. How many toffees does she have now?**

	3	6
−	2	4
	1	2
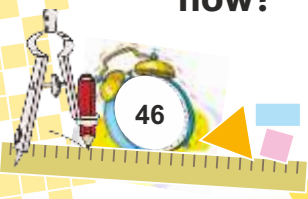
6 Measurement

1. Colour the longer stick **red** and the shorter stick **blue**.
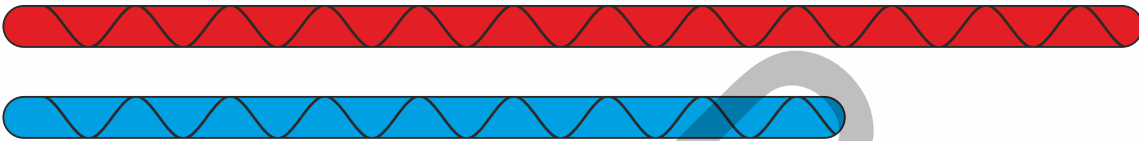
2. Colour the heavier fruit **green**.
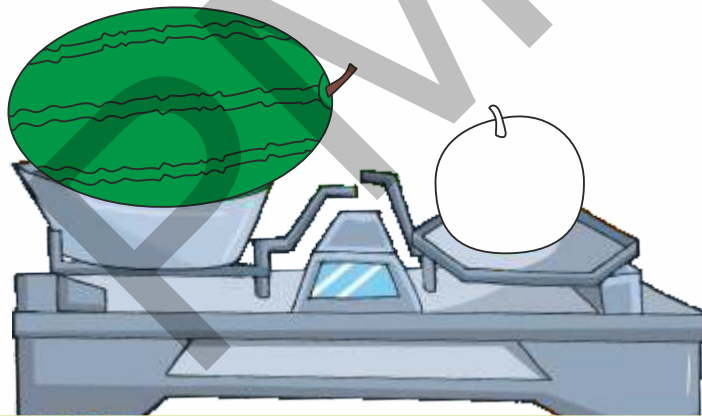
3. Colour the jug which has more water.

Maths FS-4
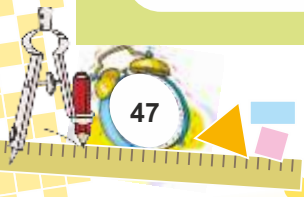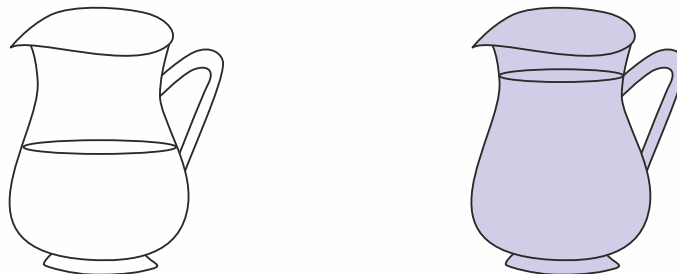
Look at the pictures and write the length of each object.

1.
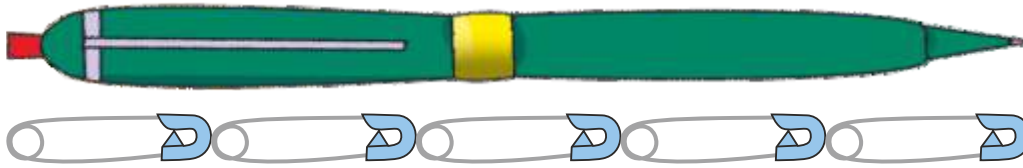
The pen is ____5____ pins long.

2.
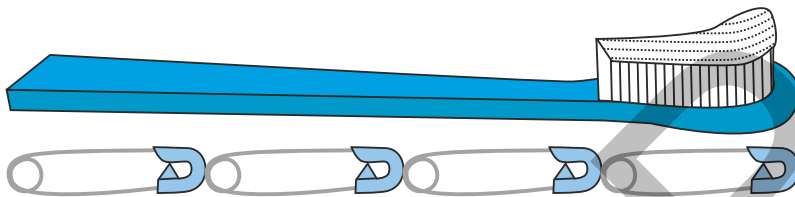
The tooth brush is ____4____ pins long.

Which body parts will you use to measure the length of following things?

Do it yourself.
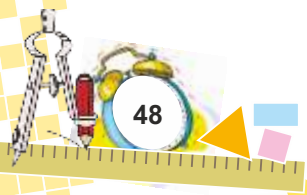
Quick Response 6.3

Look at the pictures and tick (✓) the box for the object which is heavier.

1.

☑✓   ☐
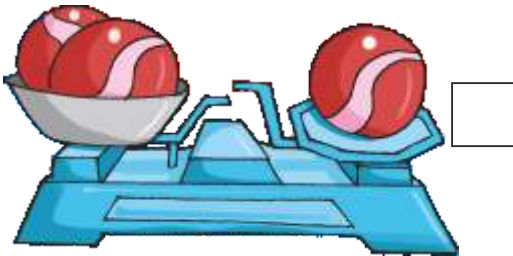
2.

☐   ✓☑

3.

☑✓   ☐

4.

☑✓   ☐
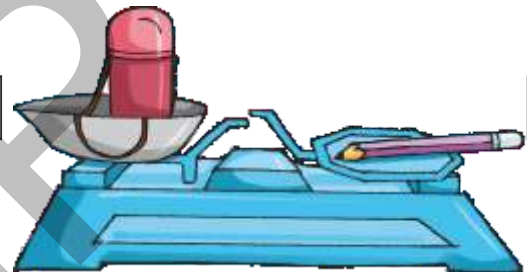
Now, circle the correct word to complete each sentence.

1. Two balls are (**heavier**/lighter) than one ball.
2. A pencil is (**lighter**/heavier) than a notebook.
3. A notebook is (lighter/**heavier**) than an eraser.
4. A water bottle is (**heavier**/lighter) than a pencil.

Quick Response 6.4

1. **Look at the pictures and tick (✓) the one which has more capacity.**

a)

☑✓   ☐

b)

☐   ☑✓

c)

☑ ☐
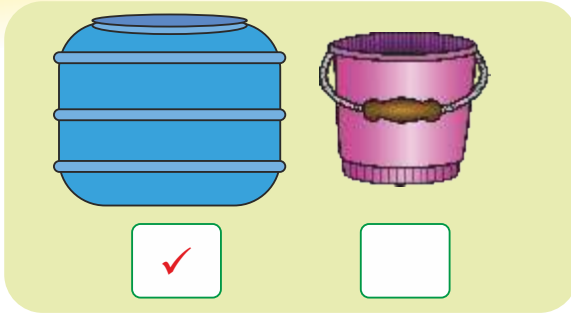
d)

☐ ☑

2. Count the cups and fill in the blanks to show how much water the given containers can hold.

a)

This mug can hold

___4___ cups of water.

b)

This teapot can hold

___6___ cups of water.

c)
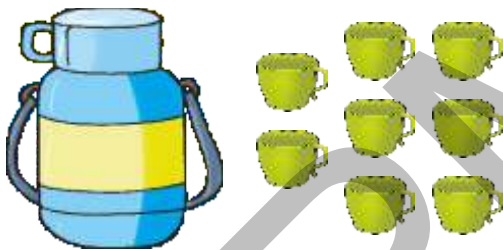
This thermos flask can hold

___8___ cups of water.

d)

This bucket can hold

___20___ cups of water.

Chapter Review

1. Name these units based on body parts that we use to measure the length.

a)

___Handspan___

b)

___Pace___

c)

___Cubit___
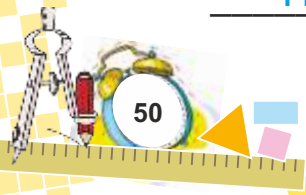
2. **Write the length of these objects in the boxes.**

a)
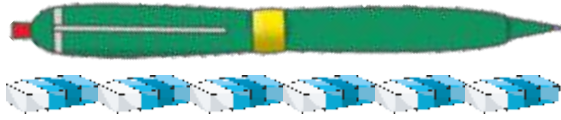
6 erasers

b)
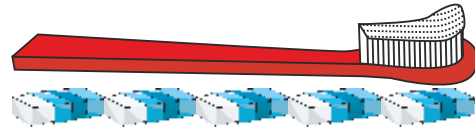
5 erasers

3. **Circle the objects which are heavier.**

a)

b)

4. **Colour the container which can hold the highest amount of water.**

a)

b)

c)
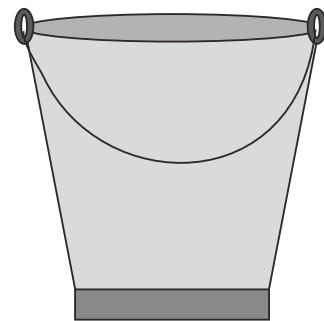
∎∎∎ Critical Thinking

When Ali, Anjum and Sheena were asked to measure the length of the blackboard using their cubits, they got different results. Can you tell why?

Ans. Because body parts of different people are of different lengths.
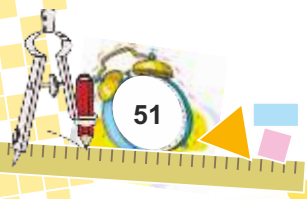
Amit's weight was only 20 kg a few months ago. He did not like to eat vegetables, fruits, pulses, etc. But when his family doctor advised him to eat all kinds of food items, he followed his advice. Now, his weight is 28 kg. What is the difference in his weight? _28 – 20 = 8 kg_

Do you also eat all kinds of food items?___*Do it yourself*_____

◼◼◼ Cross Curricular

Tick (✓) the correct option.

1. The highest mountain peak is_____.
   a) Kanchenjunga ☐   b) Mount Everest ✓

2. The tallest animal is_____.
   a) Camel ☐   b) Giraffe ✓

3. The longest river in India is_____.
   a) Ganga ✓   b) Yamuna ☐

◼◼◼ Art Integration

Colour the picture of the heavier vegetable.

Ordinal Numbers

Get Ready

Circle the animal which has come first in the race. Cross out (✗) the one which has come last.
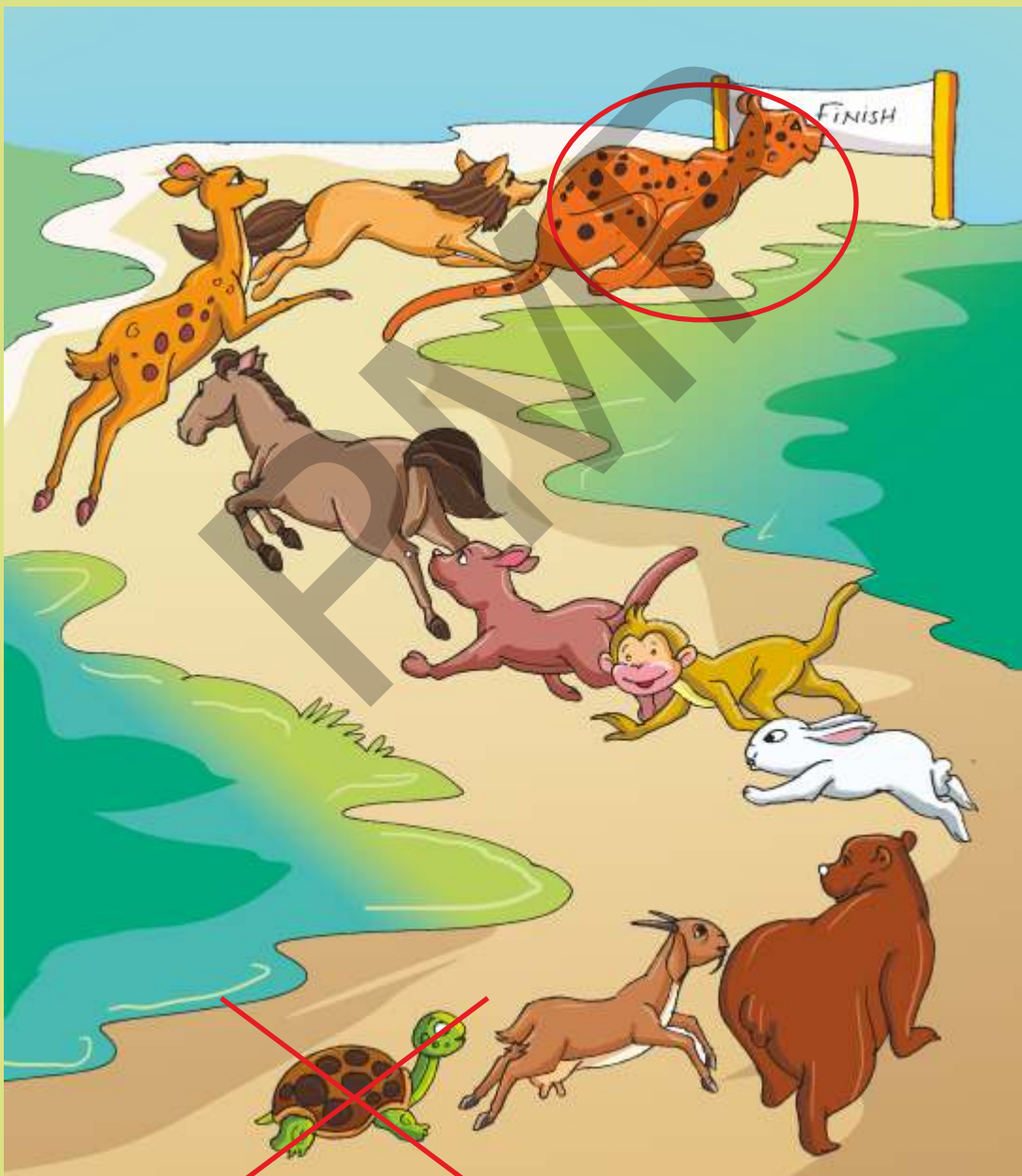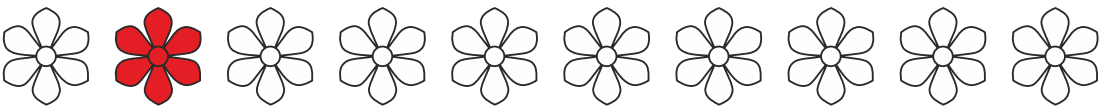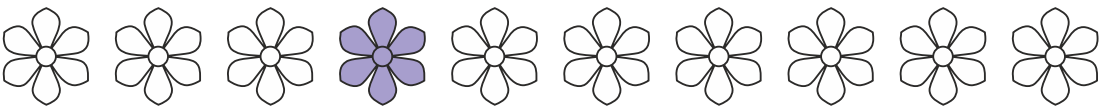
1. Colour the flowers as directed in the box.
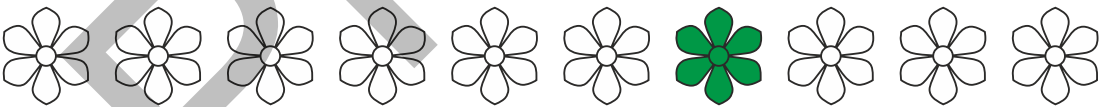
a) 2nd

b) 4th

c) 6th

d) 8th

e) 10th

f) 7th

2. Look at the picture and answer the questions.

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th

a) Which object is at the 3rd position? Pen

b) Which object is at the 5th position? Crayon colour stick

c) Which object is at the 7th position? Notebook

d) Which object is at the 9th position? Sharpener
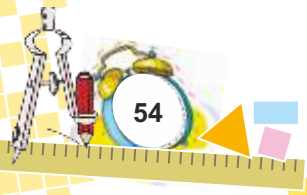
In a queue, Rajat is 3rd from the start and 7th from the end of the queue. How many persons are there in the queue altogether?

Ans. 9

■■■ Social-emotional Learning

Ria and Aditi are classmates. They both worked hard for their final examination. Ria came first and Aditi got third position. But Aditi was still cheerful. She congratulated Ria.

Did Aditi do the right thing? _____Yes_____

Do you also congratulate your friends on their success?

*Students will answer this question by themselves.*_____

8 Numbers up to 100

Get Ready

1. **Write the missing numbers.**

a) | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

b) | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 |

c) | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |

2. **What comes before?**

a) | 18 | 19 | b) | 21 | 22 | c) | 33 | 34 | d) | 39 | 40 | e) | 49 | 50 |

3. **What comes after?**

a) | 11 | 12 | b) | 17 | 18 | c) | 28 | 29 | d) | 39 | 40 | e) | 47 | 48 |

4. **What comes between?**

a) | 15 | 16 | 17 | b) | 19 | 20 | 21 | c) | 35 | 36 | 37 | d) | 48 | 49 | 50 |

5. **Write the following numbers in increasing and decreasing order.**

| 19 | 12 | 27 | 25 | 35 | 48 |

Increasing order | 12 | 19 | 25 | 27 | 35 | 48 |

Decreasing order | 48 | 35 | 27 | 25 | 19 | 12 |
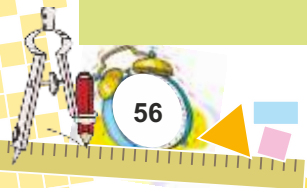
Chapter Review

1. **Fill in the missing numbers.**

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
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

2. **Fill in the boxes with >, < or =.**

a) 19 $<$ 24

b) 26 $<$ 37

c) 42 $>$ 26

d) 38 $>$ 29

e) 22 $=$ 22

f) 36 $<$ 42

g) 52 $>$ 49

h) 63 $>$ 47

i) 53 $<$ 59

j) 74 $>$ 65

k) 67 $<$ 84

l) 79 $<$ 80

m) 88 $>$ 77

n) 98 $=$ 98

o) 89 $<$ 90

p) 95 $>$ 88

3. **Circle the biggest number.**

a) 47   21   (63)   39

b) 98   84   76   (99)

c) (78)   65   30   59

d) 64   77   80   (92)

4. Circle the smallest number.

| 54 | (17) | 61 | 27 |

| 99 | 98 | 94 | (87) |

| 42 | 88 | (39) | 64 |

| 28 | (9) | 54 | 63 |

5. Match the following.

a) 5 tens and 9 ones

b) 2 tens and 8 ones

c) 9 tens and 4 ones

d)   8 ones

e) 6 tens and 7 ones

28
19
36
94
67
84
59
48
70
8

i) 1 ten and 9 ones

ii) 3 tens and 6 ones

iii) 7 tens

iv) 4 tens and 8 ones

v) 8 tens and 4 ones

6. Write the following numbers in words.

a) 39 : Thirty-nine _____

b) 19 : Nineteen _____

c) 54 : Fifty-four _____

d) 88 : Eighty-eight _____

e) 45 : Forty-five _____

f) 28 : Twenty-eight _____

g) 67 : Sixty-seven _____

h) 93 : Ninety-three _____
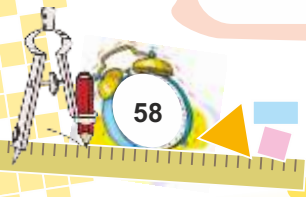
7. Write the following in increasing order.

a) 26 14 52 43 = 14 26 43 52

b) 40 39 18 64 = 18 39 40 64

c) 72 85 66 70 = 66 70 72 85

d) 41 67 98 38 = 38 41 67 98

e) 62 9 42 79 = 9 42 62 79

8. Write the following in decreasing order.

a) 29 40 71 68 = 71 68 40 29

b) 32 56 88 92 = 92 88 56 32

c) 99 8 59 19 = 99 59 19 8

d) 71 49 80 66 = 80 71 66 49

e) 97 17 12 47 = 97 47 17 12

▪▪▪ Critical Thinking

1. Which number will be the greatest, if we cross out their ones digit?   Ans. 98

    27   84   (98)   36   49

2. How many times does 9 come when we count the numbers from 81 to 100?   Ans. 12

Maths FS-4

In a survey, it was found that most of the road accidents occur due to negligence of traffic rules by the people. The number of road accidents reported from 4 cities are:

City A =45   City B = 63   City C = 53   City D = 5

The people of which city ignore traffic rules rarely? _____City D_____

Do you also follow traffic rules? ___Answer it yourself_____

9 Addition and Subtraction up to 100

Get Ready

1. **Add the following.**

a)
```
   2 2
 +   3
 -----
   2 5
```

b)
```
   1 4
 +   4
 -----
   1 8
```

c)
```
   3 2
 +   4
 -----
   3 6
```

d)
```
   3 0
 +   8
 -----
   3 8
```

e)
```
   3 2
 + 1 4
 -----
   4 6
```

f)
```
   2 2
 + 2 4
 -----
   4 6
```

g)
```
   3 1
 + 1 6
 -----
   4 7
```

h)
```
   1 7
 + 3 1
 -----
   4 8
```

2. **Subtract the following.**

a)
```
   2 4
 -   3
 -----
   2 1
```

b)
```
   3 8
 -   4
 -----
   3 4
```

c)
```
   4 8
 - 1 7
 -----
   3 1
```

d)
```
   3 5
 - 2 4
 -----
   1 1
```

3. **Solve:**

a) Anjali had 24 toy cars. She got 23 more toy cars. How many toy cars does she have now?

```
   2 4
 + 2 3
 -----
   4 7
```

b) Ananya had 34 chocolates. She gave 12 chocolates to her friend. How many chocolates are still with her?

```
   3 4
 - 1 2
 -----
   2 2
```

Add the following.

1.
T	O
2	4
+ 1	6
4	**0**

2.
T	O
3	7
+ 2	4
6	**1**

3.
T	O
4	6
+ 3	8
8	**4**

4.
T	O
2	9
+ 3	9
6	**8**

5.
T	O
3	5
+ 2	7
6	**2**

6.
T	O
4	8
+ 1	6
6	**4**

7.
T	O
2	8
+ 3	7
6	**5**

8.
T	O
6	4
+ 2	7
9	**1**

9.
T	O
5	7
+ 3	4
9	**1**

10.
T	O
3	8
+ 3	4
7	**2**

11.
T	O
5	6
+ 2	8
8	**4**

12.
T	O
6	4
+ 2	9
9	**3**

13.
T	O
5	4
+ 2	8
8	**2**

14
T	O
7	2
+ 1	9
9	**1**

15.
T	O
2	5
+ 2	5
5	**0**

16.
T	O
3	9
+ 3	4
7	**3**

Subtract the following.

1.
T	O
3	12
4	2
− 1	7
2	**5**

2.
T	O
6	11
7	1
− 3	6
3	**5**

3.
T	O
4	10
5	0
− 2	5
2	**5**

4.
T	O
6	10
7	0
− 4	5
2	**5**

5.
T	O
7	18
8	8
− 2	9
5	**9**

6.

T	O
3̶	1̶8̶
4	8
− 2	9
1	9

7.

T	O
5̶	1̶0̶
6	0
− 3	4
2	6

8.

T	O
7̶	1̶4̶
8	4
− 4	6
3	8

9.

T	O
5̶	1̶6̶
6	6
− 3	8
2	8

10.

T	O
8̶	1̶2̶
9	2
− 7	6
1	6

11.

T	O
7̶	1̶2̶
8	2
− 3	5
4	7

12.

T	O
6̶	1̶6̶
7	6
− 4	8
2	8

13.

T	O
8̶	1̶6̶
9	6
− 5	9
3	7

14.

T	O
6̶	1̶4̶
7	4
− 5	8
1	6

15.

T	O
7̶	1̶0̶
8	0
− 3	4
4	6

16.

T	O
4̶	1̶3̶
5	3
− 2	7
2	6

17.

T	O
2̶	1̶1̶
3	1
− 1	9
1	2

18.

T	O
6̶	1̶2̶
7	2
− 3	7
3	5

Quick Response 9.3

Solve these word problems.

1. Rohit studied 36 pages of a book on Monday. He studied 28 pages on Tuesday. How many pages did he study in these two days?

T	O
3	6
+ 2	8
6	4

Maths FS-4

2. Johny had 28 toys. His mother gave him 14 more toys. How many toys does he have now in all?

T	O
2	8
+ 1	4
4	2

3. There were 48 people in a park. 36 more people came to the park. How many people were there in the park altogether?

T	O
4	8
+ 3	6
8	4

4. There were 45 apple trees in an orchard. 37 more apple trees were planted there. How many apple trees are there in the orchard now?

T	O
4	5
+ 3	7
8	2

5. Ananya's father bought 32 pastries on her birthday. Ananya distributed 18 pastries among her friends. How many pastries are left?

T	O
3	2
− 1	8
1	4

6. Team-A scored 84 runs in a T20 match. Team-B scored 58 runs. By how many runs Team-A defeated Team-B?

T	O
8	4
− 5	8
2	6

7. There were 52 children in a park. 36 of them returned to their homes after some time. How many children were still left in the park?

T	O
5	2
− 3	6
1	6

Chapter Review

1. Add the following. Regroup if required.

a)
```
    1
    2 8
+   4 7
─────────
    7 5
```

b)
```
    1
    3 7
+   2 4
─────────
    6 1
```

c)
```
    1
    4 6
+   2 4
─────────
    7 0
```

d)
```
    1
    6 4
+   1 8
─────────
    8 2
```

e)
```
    1
    3 9
+   2 8
─────────
    6 7
```

f)
```
    ○
    1 8
+   2 1
─────────
    3 9
```

g)
```
    1
    5 4
+   2 8
─────────
    8 2
```

h)
```
    1
    4 4
+   3 6
─────────
    8 0
```

2. Subtract the following. Regroup if required.

a)
```
   5 14
   6  4
─  2  6
─────────
   3  8
```

b)
```
   7 10
   8  0
─  4  7
─────────
   3  3
```

c)
```
   ○ ○
   7 5
─  2 4
─────────
   5 1
```

d)
```
   7 18
   8  8
─  4  9
─────────
   3  9
```

e)
```
   6 12
   7  2
─  4  4
─────────
   2  8
```

f)
```
   3 14
   4  4
─  2  8
─────────
   1  6
```

g)
```
   ○ ○
   5 9
─  3 5
─────────
   2 4
```

h)
```
   8 14
   9  4
─  6  5
─────────
   2  9
```

3. Solve the following.

a) There were 54 birds on a tree. 36 more birds came there. How many birds are there on the tree in all?

```
    5 4
+   3 6
─────────
    9 0
```

b) 84 people attended a party. If 56 were men, how many women were there at the party?

```
    8 4
─   5 6
─────────
    2 8
```

1. What will be the difference between the largest 2-digit number and the smallest 2-digit number?

   Ans. 99 − 10 = 89

2. Ravi collected 47 marbles but lost 23 of them. His friend gave him 14 marbles. How many marbles does Ravi have now?

   Ans. 47 − 23 = 24 + 14 = 38

▪▪▪ Life Skill

Rahul got 90 marks out of 100. His partner got 60 marks out of 100. How many more marks did Rahul get than his partner? 90 − 60 = 30 marks

What should his partner do to get more marks next time?

He should study more to get good marks next time.

10 Shapes and Patterns

Get Ready

1. **Look at the following picture. It is made of different shapes. Colour the shapes as directed.**

   Do it yourself.

2. **Count the shapes used to make the given house and write their numbers in the given blanks.**

   a) △ _____9_____

   b) ▢ _____4_____
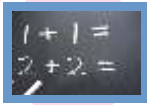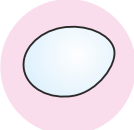
   c) ◯ _____5_____

   d) ▢ _____7_____

Quick Response 10.1

Match the shapes with the objects of similar shapes.

1. (yellow square)

2. (blue circle)

3. (orange square)

4. (green triangle)

5. (pink ellipse)

a) (puzzle)

b) (blackboard)

c) (sandwich)

d) (egg)

e) (clock)

Match the following solid shapes with the objects.

1.

2.

3.

4.

5.

a)

b)

c)

d)

e)
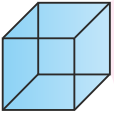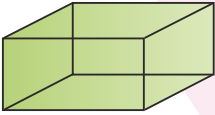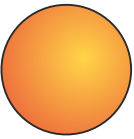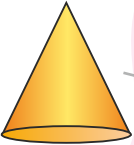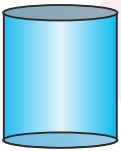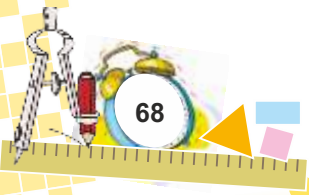
Tick (✓) the objects that slide and cross out (✗) the objects that roll.

1. ✗
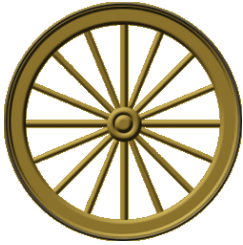
2. ✗

3. ✓

4. ✓

5. ✗
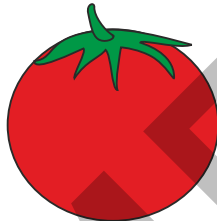
6. ✓

Quick Response 10.4

Draw the missing figure to continue the pattern.

1. △ ◯ △ ◯ △

2. ▯▯ ▭ ▯▯ ▭ ▯▯

3. ◁◯ ◯▷ ◁◯ ◯▷ ◁◯

4.

5.
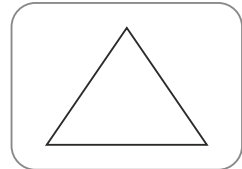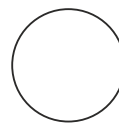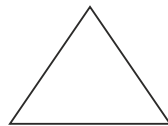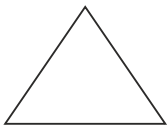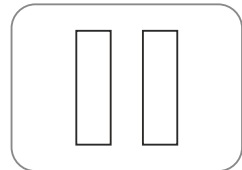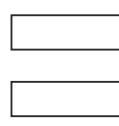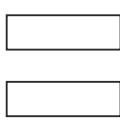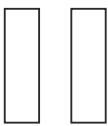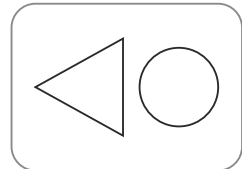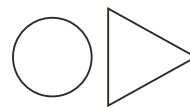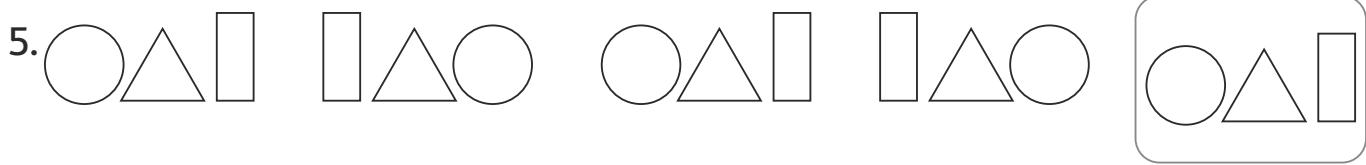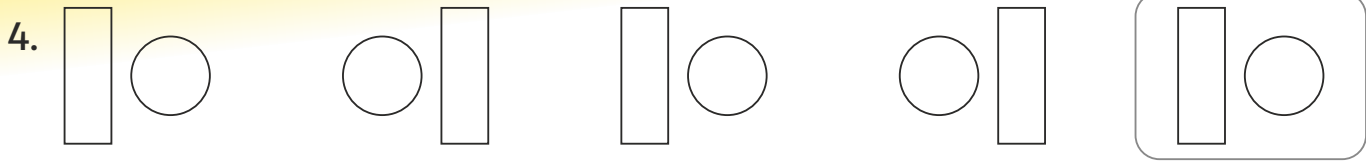
Chapter Review

1. Name the following shapes.

a)

_____Triangle_____

b)

_____Circle_____

c)
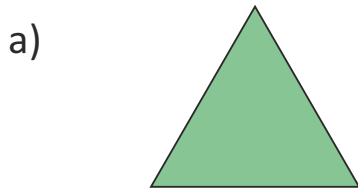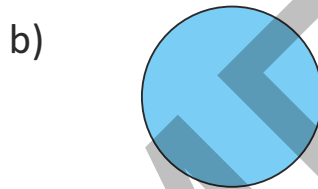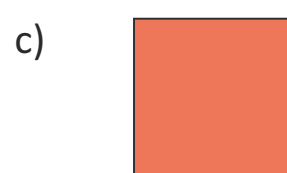
_____Square_____

2. Look at the objects and name the solid shapes they resemble.

a)

_____Cone_____

b)

_____Sphere_____

c)
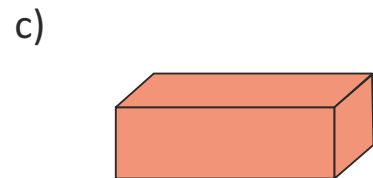
_____Cuboid_____

3. Circle the shapes that slide.

a)

b)

c)

d)
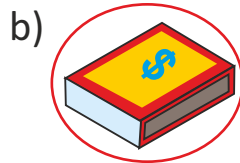
4. Draw the figure that will come next in the series.

a)

b) △○□ □○△ △○□ **□○△**
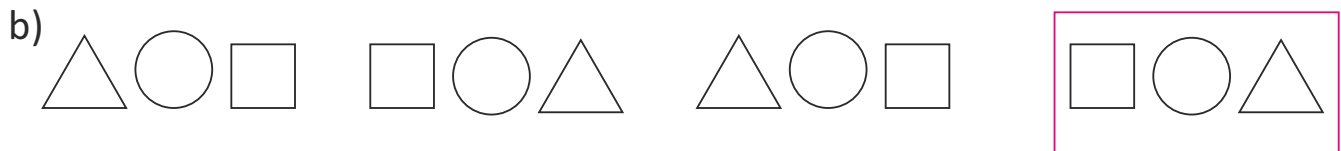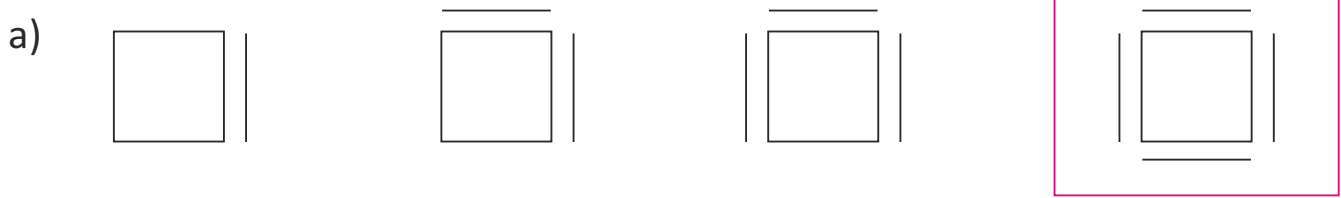
1. How many triangles are there in the figure? __5__
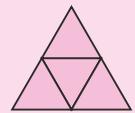
2. Complete the pattern.

    A 1   B 2   C 3   D __4__   E __5__

▮▮▮ Cross Curricular

Write the emotion these faces are depicting.

Sad   Happy   Crying

▮▮▮ Art Integration

Colour the picture of a robot which has been created by using shapes. Can you name the shapes used in it?

Do it yourself.

11 Multiplication

Get Ready

Count, write and add.

1.

| 2 | + | 2 | + | 2 | = | 6 |

2.

| 3 | + | 3 | + | 3 | = | 9 |

3.

| 4 | + | 4 | + | 4 | = | 12 |

4.

| 5 | + | 5 | + | 5 | = | 15 |

1. Fill in the blanks. One has been done for you.

b)

3	+	3	+	3	=	3 times 3
						or
						3 × 3

c)

4	+	4	+	4	=	3 times 4
						or
						3 × 4

d)

5	+	5	=	2 times 5
				or
				2 × 5

2. Change to multiplication. One has been done for you.

a) $2 + 2 + 2 + 2 + 2$ = $5 × 2$

b) $3 + 3 + 3 + 3$ = $4 × 3$

c) $2 + 2 + 2 + 2 + 2 + 2$ = $6 × 2$

d) $3 + 3 + 3 + 3 + 3$ = $5 × 3$

e) $4 + 4 + 4 + 4$ = $4 × 4$

f) $5 + 5 + 5 + 5 + 5 + 5$ = $6 × 5$

3. Change to repeated addition. One has been done for you.

a) 7×2 = $2 + 2 + 2 + 2 + 2 + 2 + 2$

b) 3×4 = $4 + 4 + 4$

c) 6×5 = $5 + 5 + 5 + 5 + 5 + 5$

d) 8×4 = $4 + 4 + 4 + 4 + 4 + 4 + 4 + 4$

e) 5×1 = $1 + 1 + 1 + 1 + 1$

f) 4×4 = $4 + 4 + 4 + 4$

Quick Response 11.2

Fill in the blanks.

1. $2 \times 4 =$ 8
2. $3 \times 2 =$ 6
3. $4 \times 6 =$ 24
4. $5 \times 3 =$ 15
5. $2 \times 8 =$ 16

6. $4 \times 2 =$ 8
7. $5 \times 10 =$ 50
8. $2 \times 9 =$ 18
9. $3 \times 7 =$ 21
10. $5 \times 6 =$ 30

11. $3 \times 4 =$ 12
12. $5 \times 8 =$ 40
13. $4 \times 10 =$ 40
14. $3 \times 9 =$ 27
15. $5 \times 10 =$ 50

Quick Response 11.3

Multiply the following on the number line.

1. $3 \times 2 =$ 6

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

2. $5 \times 3 = \boxed{15}$

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

3. $4 \times 4 = \boxed{16}$

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
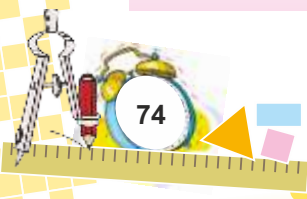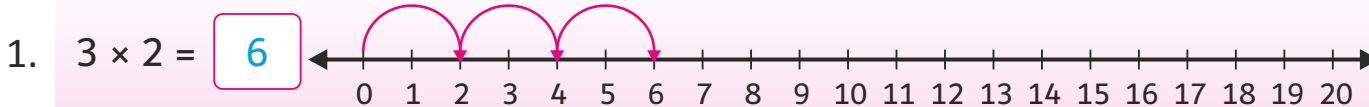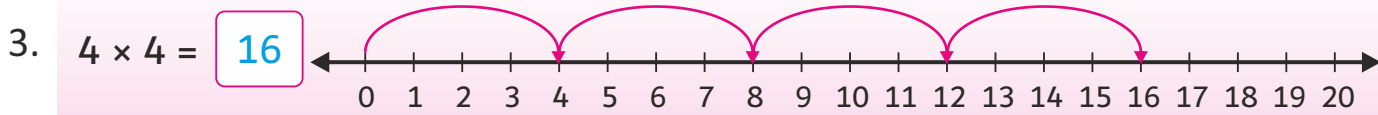
Quick Response 11.4

Multiply and find the product.

1.
$$\begin{array}{r} 3 \\ \times\ 2 \\ \hline 6 \end{array}$$

2.
$$\begin{array}{r} 7 \\ \times\ 4 \\ \hline 2\ 8 \end{array}$$

3.
$$\begin{array}{r} 6 \\ \times\ 2 \\ \hline 1\ 2 \end{array}$$

4.
$$\begin{array}{r} 5 \\ \times\ 3 \\ \hline 1\ 5 \end{array}$$

5.
$$\begin{array}{r} 2 \\ \times\ 4 \\ \hline 8 \end{array}$$

6.
$$\begin{array}{r} 9 \\ \times\ 3 \\ \hline 2\ 7 \end{array}$$

7.
$$\begin{array}{r} 4 \\ \times\ 4 \\ \hline 1\ 6 \end{array}$$

8.
$$\begin{array}{r} 6 \\ \times\ 3 \\ \hline 1\ 8 \end{array}$$

9.
$$\begin{array}{r} 2 \\ \times\ 5 \\ \hline 1\ 0 \end{array}$$

10.
$$\begin{array}{r} 5 \\ \times\ 4 \\ \hline 2\ 0 \end{array}$$

11.
$$\begin{array}{r} 8 \\ \times\ 4 \\ \hline 3\ 2 \end{array}$$

12.
$$\begin{array}{r} 5 \\ \times\ 5 \\ \hline 2\ 5 \end{array}$$

13.
$$\begin{array}{r} 6 \\ \times\ 3 \\ \hline 1\ 8 \end{array}$$

14.
$$\begin{array}{r} 8 \\ \times\ 3 \\ \hline 2\ 4 \end{array}$$

15.
$$\begin{array}{r} 8 \\ \times\ 2 \\ \hline 1\ 6 \end{array}$$

16.
$$\begin{array}{r} 7 \\ \times\ 3 \\ \hline 2\ 1 \end{array}$$

17.
$$\begin{array}{r} 4 \\ \times\ 5 \\ \hline 2\ 0 \end{array}$$

18.
$$\begin{array}{r} 6 \\ \times\ 4 \\ \hline 2\ 4 \end{array}$$

19.
$$\begin{array}{r} 7 \\ \times\ 5 \\ \hline 3\ 5 \end{array}$$

20.
$$\begin{array}{r} 9 \\ \times\ 4 \\ \hline 3\ 6 \end{array}$$

Chapter Review

1. Change to multiplication.

a) $3 + 3 + 3 + 3$ = <u>4×3</u>

b) $4 + 4 + 4$ = <u>3×4</u>

c) $2 + 2 + 2 + 2 + 2 + 2$ = <u>6×2</u>

d) $5 + 5 + 5 + 5 + 5$ = <u>5×5</u>

2. Change to repeated addition.

a) 6×4 = <u>$4 + 4 + 4 + 4 + 4 + 4$</u>

b) 7×2 = <u>$2 + 2 + 2 + 2 + 2 + 2 + 2$</u>

c) 5×2 = <u>$2 + 2 + 2 + 2 + 2$</u>

d) 8×5 = <u>$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5$</u>

3. Fill in the boxes.

a) $4 \times 2 = \boxed{8}$ d) $6 \times 3 = \boxed{18}$ g) $7 \times 4 = \boxed{28}$

b) $5 \times 4 = \boxed{20}$ e) $3 \times 2 = \boxed{6}$ h) $8 \times 5 = \boxed{40}$

c) $4 \times 3 = \boxed{12}$ f) $5 \times 5 = \boxed{25}$ i) $6 \times 4 = \boxed{24}$

4. Multiply.

a)
$$\begin{array}{r} 2 \\ \times\ 5 \\ \hline \boxed{1\ 0} \end{array}$$

b)
$$\begin{array}{r} 7 \\ \times\ 3 \\ \hline \boxed{2\ 1} \end{array}$$

c)
$$\begin{array}{r} 8 \\ \times\ 2 \\ \hline \boxed{1\ 6} \end{array}$$

d)
$$\begin{array}{r} 6 \\ \times\ 3 \\ \hline \boxed{1\ 8} \end{array}$$

e)
$$\begin{array}{r} 9 \\ \times\ 4 \\ \hline \boxed{3\ 6} \end{array}$$
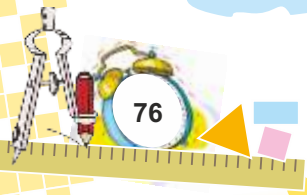
1. **Solve the following**

   2 + 2 + 2 + 3 + 3 + 3 = [15]   4 + 4 + 5 + 5 = [18]

2. **Fill in the missing numbers.**

   4 × [3] = 12   [4] × 5 = 20   2 × [8] = 16

■■■ SDG

You should brush your teeth twice daily. Rohit brushes his teeth in the morning and before going to bed at night. How many times does he brush his teeth in a week? (remember, 1 week = 7 days) 7 × 2 = 14 times

Do you also brush your teeth twice daily? *Answer it yourself*

■■■ Cross Curricular

Find the total tomatoes of these plants using the method of multiplication. Is a tomato plant a herb or shrub?
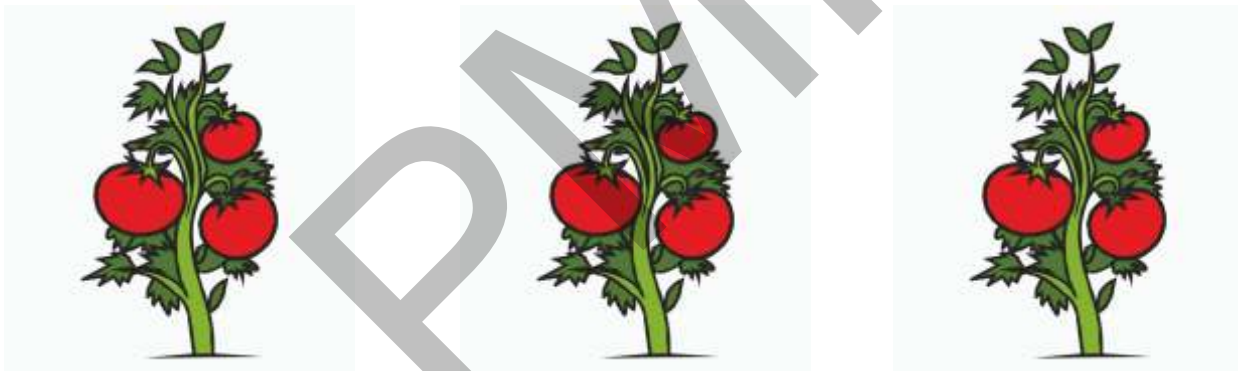
[3] × [3] = [9]

Tomato plant is a herb.
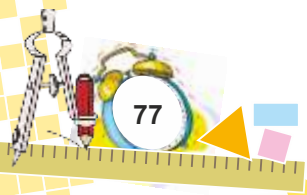
Colour the flowers as per the colour code.

| 3 | × | 2 | = 🟥 | | 4 | × | 3 | = 🟩 | | 5 | × | 4 | = 🟦 |

20

12

6

12 Time
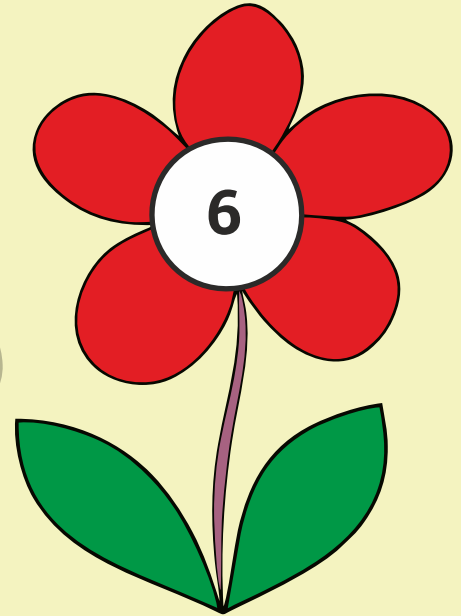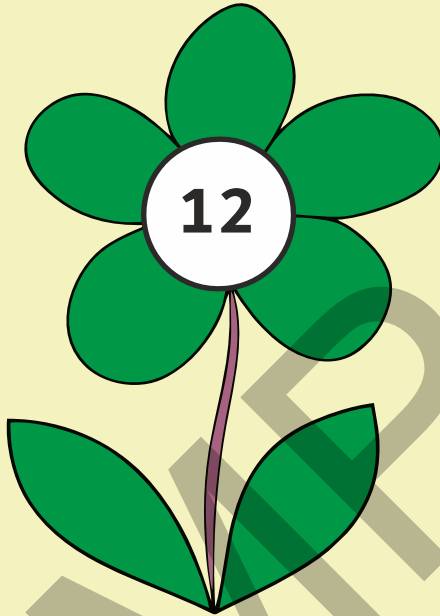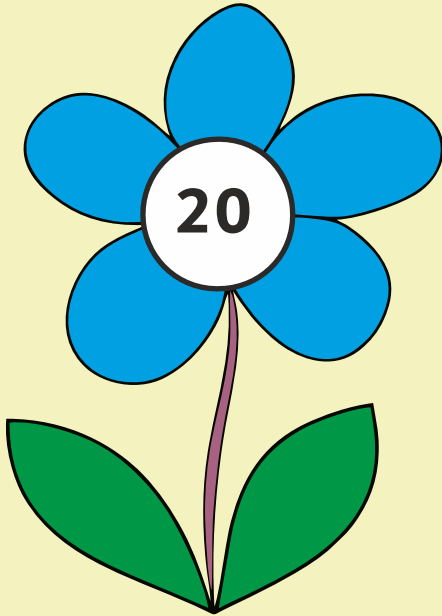
Get Ready

1. **Colour the object red that you see in the day.**

   Do it yourself.

2. **Draw the picture of the sun in the boxes that show the activity you do mostly in the morning.**
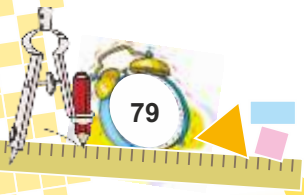
Match the following.

Morning

Noon

Afternoon

Evening

Night
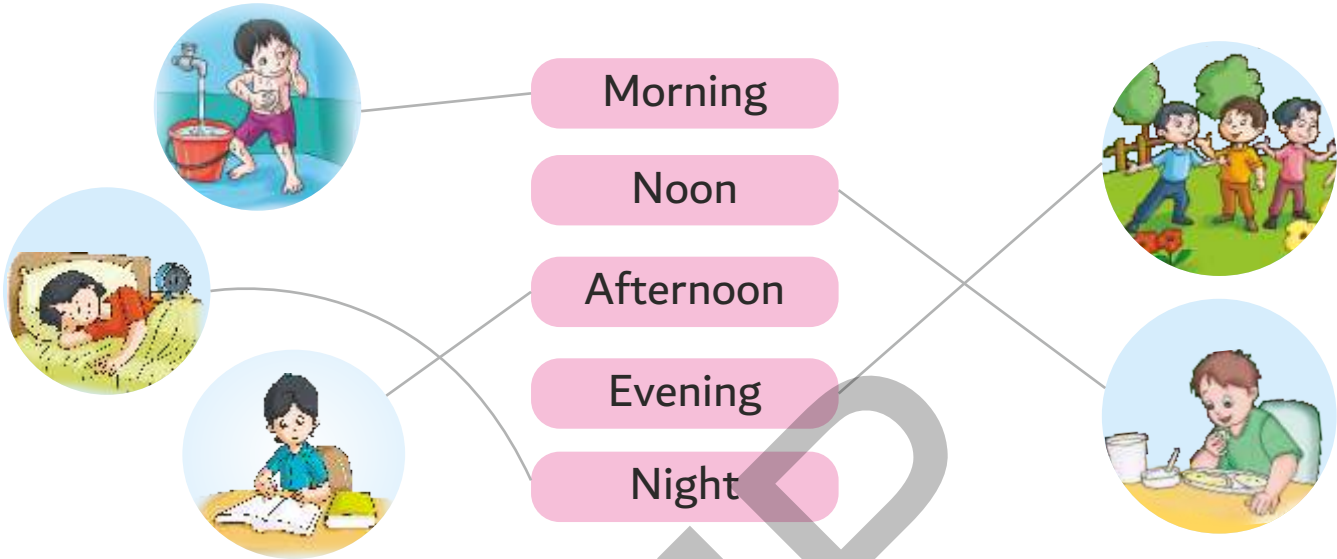
1. Look at the clocks and write the time. One has been done.

a)

1 o'clock

b)

4 o'clock

c)

9 o'clock

d)

7 o'clock

e)

8 o'clock

f)

2 o'clock

g)

10 o'clock

h)
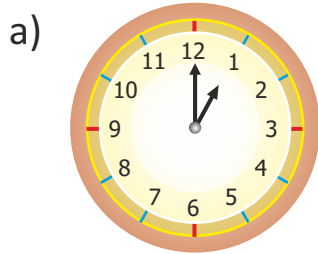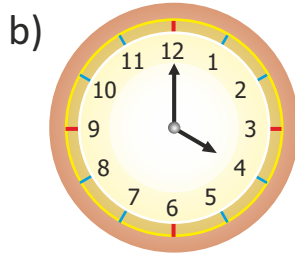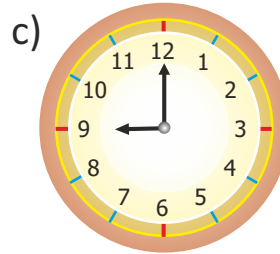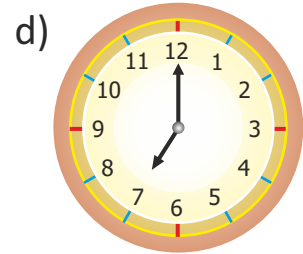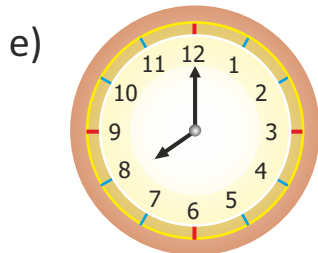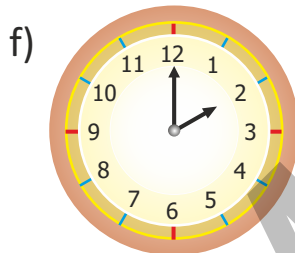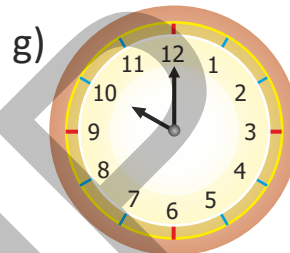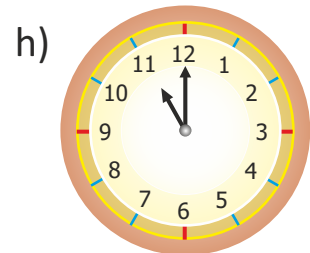
11 o'clock

2. Draw the hour hand in each clock to show the given time.

a)

10 o'clock

b)

3 o'clock

c)

5 o'clock

d)
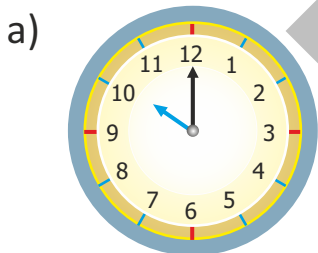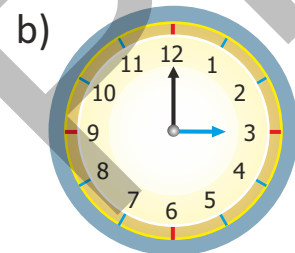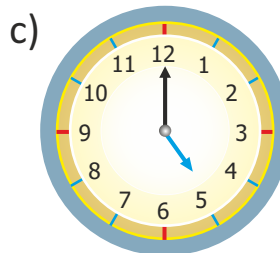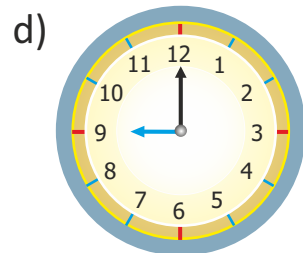
9 o'clock

3. Draw both hands in each clock to show the given time.

a)

2 o'clock

b)

4 o'clock

c)

6 o'clock

d)
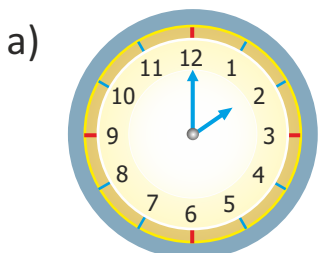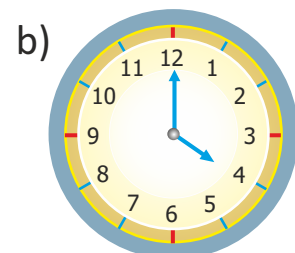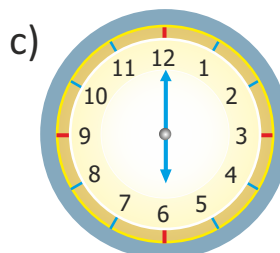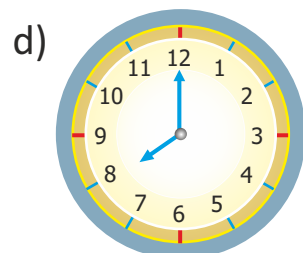
8 o'clock
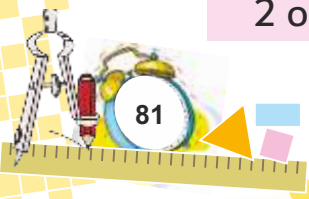
Fill in the blanks with the words given in the box.

| Sunday | Saturday | Monday | Tuesday | Wednesday |

1. _____Monday_____ is the first day of the week.

2. _____Wednesday_____ comes between Tuesday and Thursday.

3. _____Tuesday_____ comes just after Monday.

4. Sunday comes just after _____Saturday_____ .

5. _____Sunday_____ is the seventh day of the week.

Quick Response 12.4

1. Read the clues and name the months.

It is the first month of the year.

January

It comes just before March.

February

It comes just after February.

March
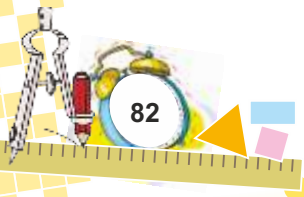
It comes between May and July.

June

It is the last month of the year.

December

November comes just after it.

October

2. Match the following.

February — Seventh month

April — Second month

May — Ninth month

July — Fifth month

September — Fourth month

![Chapter Review]

1. Look at the clocks and write the time.

a) 4:00

b) 9:00

c) 7:00

d) 3:00

e) 11:00

f) 6:00

Maths FS-4
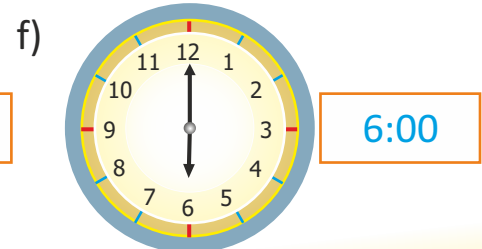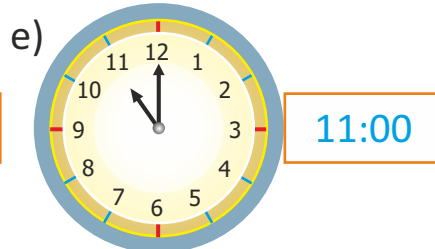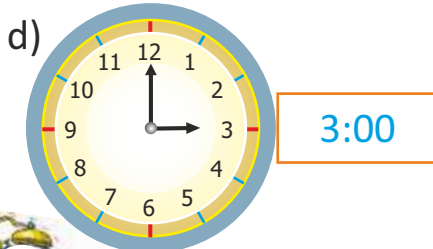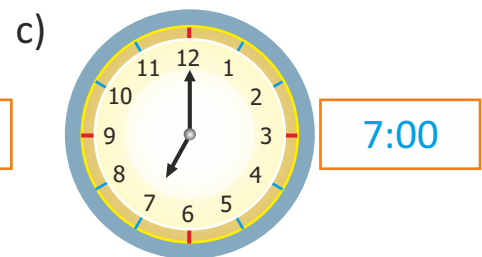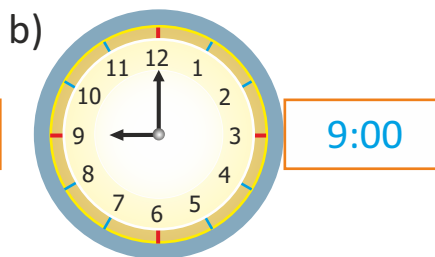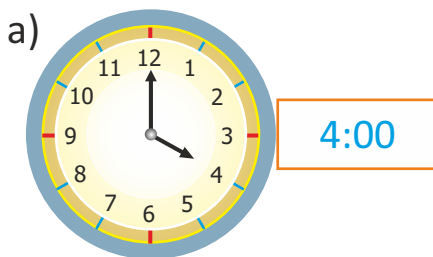
2. Draw hands of the clocks to show the given time.

a) **5:00**

b) **7:00**

c) **10:00**
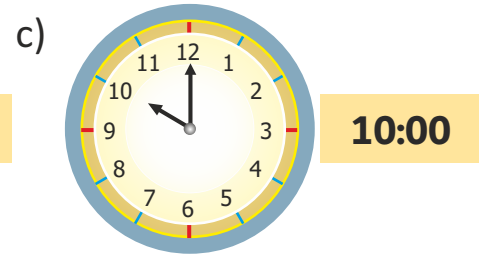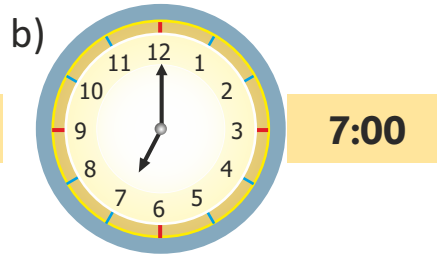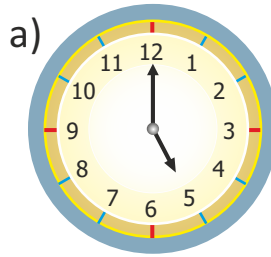
3. Fill in the blanks.

a) ____Monday____ is the first day of the week.

b) There are ____7____ days in a week.

c) Wednesday comes just after ____Tuesday____.

d) ____Thursday____ comes just before Friday.

4. Write 'True' or 'False'.

a) There are 12 months in a year. | True

b) February is the first month of the year. | False

c) July comes between June and August. | True

d) November is the last month of the year. | False

■■■ Critical Thinking

Look at the given clock. It is running fast by 20 minutes. What is the actual time?
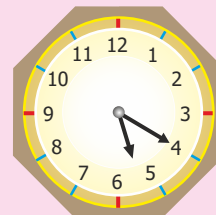
5:00

■■■ Communication Skill

Rohini goes to her school on time. She does most of her work on time. She is a punctual girl.

Are you also a punctual boy/girl? ____*Answer it yourself.*____

Talk about it with your partner.

13 Money

1. Circle the coins and notes that you will need to buy the given items.

a) ₹ 10

b) ₹ 35

c) ₹ 60

d) ₹ 90

2. Match the following.

a)

b)

c)

d)

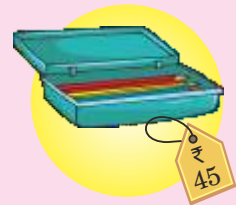### ■■■ Critical Thinking

Harshit went to a stationery shop to buy a pencil box. The cost of the pencil box was ₹ 45. He gave a 50 rupee note to the shopkeeper. How much money did the shopkeeper give him back? **Ans.** 50 − 45 = ₹5

■■■ Communication Skill

Chintu has a money bank. Whenever his parents or grandparents give him money, he puts the money in his money bank. He spends money on important things.

Do you also save money? _____ *Answer it yourself.* _____

14 Data Handling
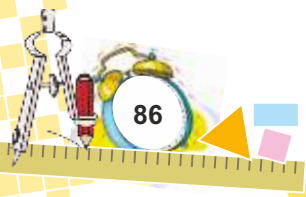
1. **Look, Soni is playing with her toys.**

2. **Now, count each type of toy and write in the box.**

Toy	Count
car	2
doll	4
aeroplane	5
duck	8
dog	7
teddy bear	3
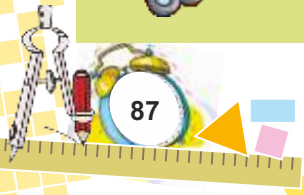
Count and write the number of each colour of balloon.

a) 6

b) 5

c) 6

d) 6
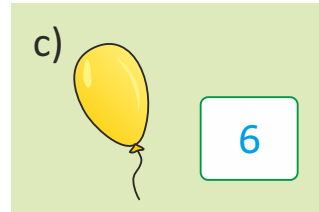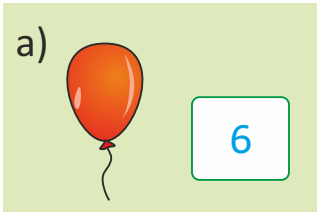
Now answer the questions.

1. How many balloons are there in all?

    23

2. Which colour of balloons are maximum?

    Red, Yellow and Blue

3. Which colour of balloons are the least?

    Green

4. Are the red colour balloons more than the blue colour balloons?

    No

Chapter Review

1. **Look at the picture of a parking lot.**

    Now answer the following questions.

    a) What is the total number of vehicles parked?

        23

    b) Which type of vehicles are the most there?

        Motorcycle

    c) What is the number of scooties parked there?

        6
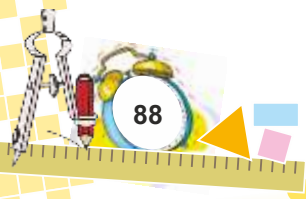
2. Look at the following picture showing the different types of ice-creams sold by an ice-cream vendor.

Now answer the following questions.

a) Which ice-creams were sold the most?   _Chocobar_

b) How many more softies were sold than cones?   _11 – 5 = 6_

c) Which is the least sold ice-cream?   _Cone_

▌▌▌ Problem-Solving Aptitude

Count each type of shape in the given figure and write in the boxes.

❋ [7]   ★ [3]   ◆ [6]   ✳ [5]

▌▌▌ SDG

Read the given data regarding cleanliness in a family.
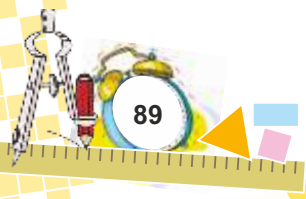
Total number of members = 8

The number of persons who always throw waste into the dustbin = 5

The number of persons who never spit here and there = 7

The number of persons who never pluck flowers in the park = 6

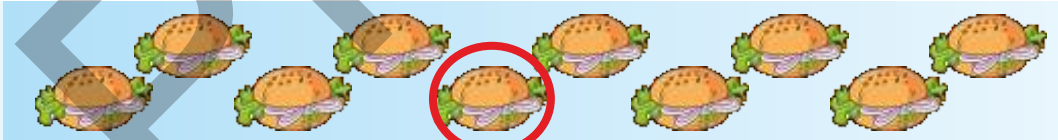Do you think that the most number of persons in the family follow cleanliness?

Yes

Model Test Paper - II

(Based on Chapters 6 to 14)

1. Tick (✓) the correct option.

a) We use cubit to measure _____.

    i) length ✓   ii) weight ☐   iii) capacity ☐

b) How many tens are there in 74?

    i) six ☐   ii) seven ✓   iii) eight ☐

c) 54 + 5 = ?

    i) 59 ✓   ii) 49 ☐   iii) 55 ☐

d) A triangle has _____ sides.

    i) two ☐   ii) three ✓   iii) four ☐

e) 5 times 2 is equal to _____.

    i) 7 ☐   ii) 15 ☐   iii) 10 ✓

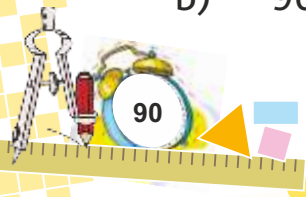**2. Circle the picture as directed in the box.**

a) **Fifth**	
b) **Seventh**	

3. Write the following in numerals.

a) Seventy-eight   =   78 _____

b) Eighty-four   =   84 _____

4. Write the following in words.

a) 57 = Fifty-seven _____

b) 96 = Ninety-six _____

5. Add the following. Regroup if required.

a)
```
  2 3
+   6
─────
  2 9
```

b)
```
  2 4
+ 2 3
─────
  4 7
```

c)
```
  3 8
+ 2 7
─────
  6 5
```

d)
```
  2 2
+ 3 8
─────
  6 0
```

6. Subtract the following. Regroup if required.

a)
```
  4 7
−   3
─────
  4 4
```

b)
```
  5 8
− 2 4
─────
  3 4
```

c)
```
  8 2
− 4 5
─────
  3 7
```

d)
```
  7 3
− 2 8
─────
  4 5
```

7. Name the shapes from the box.

a)

b)

c)
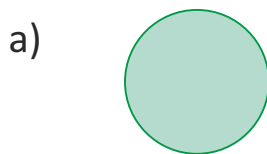
| Circle | Rectangle | Triangle |

8. Fill in the boxes.

a) $2 \times 7 = $ 14

b) $5 \times 5 = $ 25

c) $4 \times 8 = $ 32

9. Write the time in the boxes.

a) 3:00

b) 7:00

c) 10:00
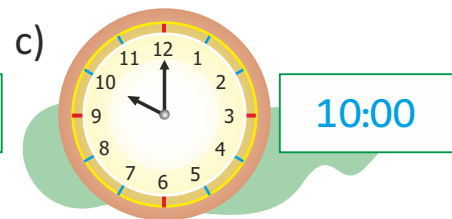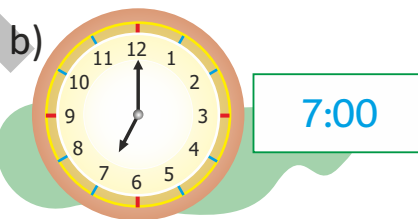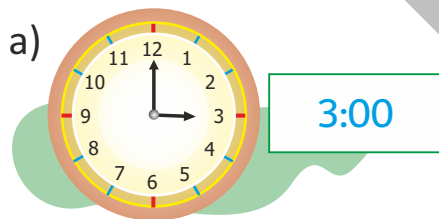
10. Write the total value of the given money.

a) = ₹15

b) = ₹35

Maths FS-4