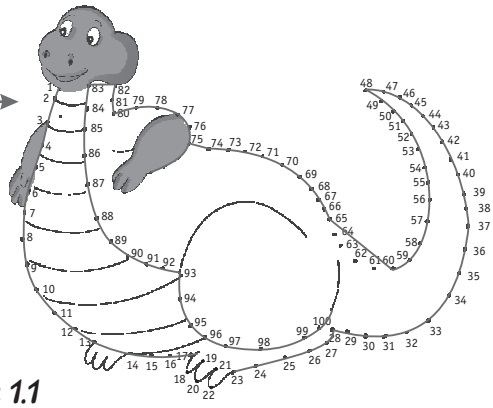
1 Numbers beyond 100

Warm Up

1. Join the dots and colour the picture :

Ans.



2. Tick (✓) the correct spelling :

46	forty six		fourty six	✓
18	eighteen	✓	eigteen	
90	ninty	✓	ninety	
30	thirty	✓	thirtty	

Exercise 1.1

1. Fill in the missing numbers :

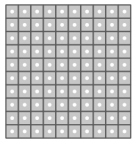
Ans.

101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	160
191	192	193	194	195	196	197	198	199	200

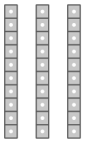
2. Fill in the missing numbers :

901	902	903	904	905	906	907	908	909	910
911	912	913	914	915	917	917	918	919	920
921	922	923	924	925	927	927	928	929	930
931	932	933	934	935	937	937	938	939	940
941	942	943	944	945	947	947	948	949	950
951	952	953	954	955	957	957	958	959	960
961	962	963	964	965	967	967	968	969	970
971	972	973	974	975	977	977	978	979	980
981	982	983	984	985	987	987	988	989	990
991	992	993	994	995	997	997	998	999	1000

3. Write the number and their number names :



1 hundred



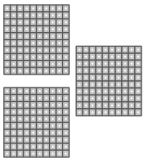
3 tens

4 ones

=

H	T	O
1	3	4

One hundred thirty four.



3 hundreds

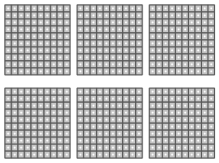
5 tens

2 ones

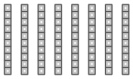
=

H	T	O
3	5	2

Three hundred fifty-two



6 hundreds

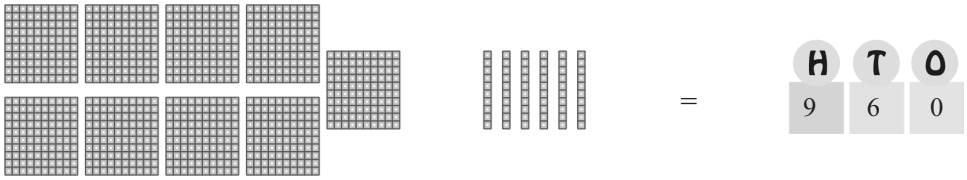


8 tens

=

H	T	O
6	8	0

Six hundred Eighty



9 hundreds 6 tens **Nine hundred sixty**

4. Write the number names of the following numerals :

Ans. a. 128 = **One hundred twenty eight.**
b. 182 = **One hundred eighty-two.**
c. 211 = **Two hundred eleven.**
d. 297 = **Two hundred ninty-seven.**
e. 333 = **Three hundred thirty-three.**
f. 412 = **Four hundred tweleve.**

5. Write the numerals for the following number names :

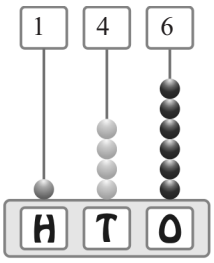
Ans. a. One hundred ninety-seven = **197**
b. Two hundred thirty-six = **236**
c. Two hundred sixty = **260**
d. Three hundred seventy-eight = **378**
e. Four hundred eighty-three = **483**
f. Six hundred eighty-three = **683**

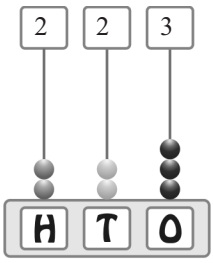
6. Fill in the place-holders :

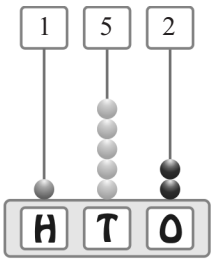
Ans. a. **182** is just after 181
b. **391** is just before 392
c. **294** is between 293 and 295
d. 531 is just after **530**
e. **430** is just after 429
f. **273** is just before 274
g. **113** is between 112 and 114
h. **995** is just before 994

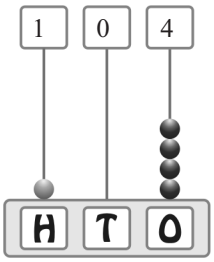
Exercise 1.2

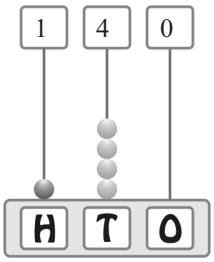
1. Write the number shown by the beads on the abacus :

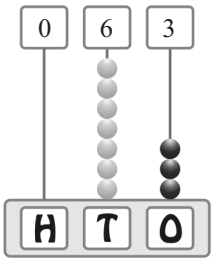
Ans. a.


b.


c.


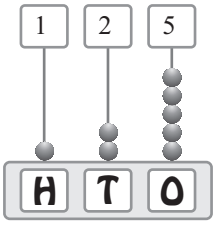
d.


e.


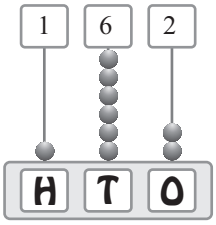
f.


2. Draw the correct number of beads on the abacus :

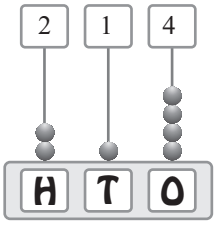
Ans. a.



b.



c.



Exercise 1.3

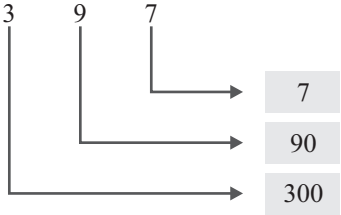
1. Write the place value of the coloured digit :

Ans.

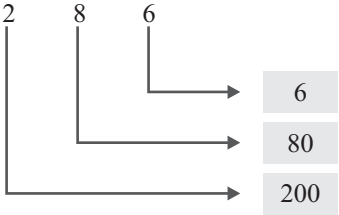
a.	98	**8**	b.	397	**90**	c.	65	**60**
d.	183	**80**	e.	259	**9**	f.	224	**200**
g.	132	**30**	h.	663	**60**	i.	971	**1**

2. Write the place value of the following numbers :

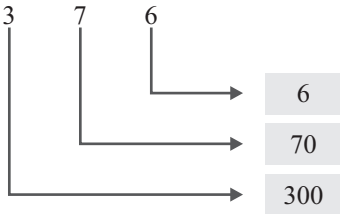
Ans. a. 3 9 7



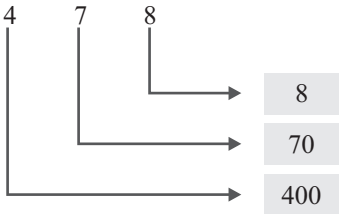
b. 2 8 6



c. 3 7 6

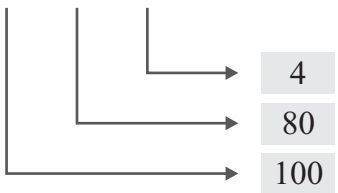


d. 4 7 8

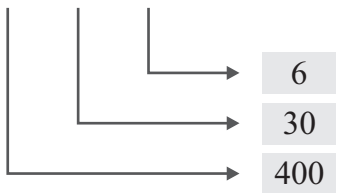


3. Write the numbers for the following :

Ans. a. 1 8 4

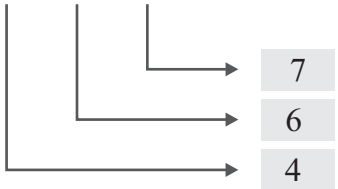


b. 4 3 6

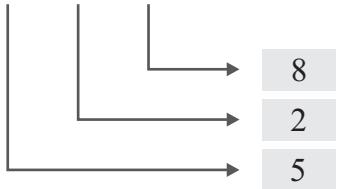


4. Write the face value of the following numbers :

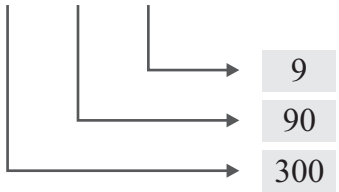
Ans. a. 4 6 7



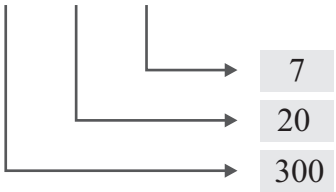
b. 5 2 8



c. 3 9 9



d. 3 2 7



5. Write the expanded form of the following :

Ans. a. 457 = **400** + **50** + **7** b. 370 = **300** + **70** + **0**

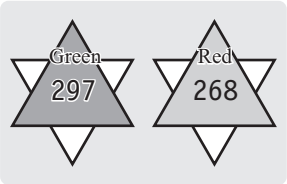
c. 899 = **800** + **90** + **9** f. 444 = **400** + **40** + **4**

Exercise 1.4

1. Colour red the star with smaller number and green with greater number :

Ans. a.

b.



c.

2. Use the symbols >, < or = to show the number which is greater than, less than and equal to :

Ans. a. 205 > 109 b. 76 < 200 c. 439 < 710

d. 648 > 547 e. 596 > 440 f. 515 < 517

g. 315 = 315 h. 596 < 630 i. 159 > 99

Exercise 1.5

1. Arrange in ascending order :

a. 222 212 814 524 423 → **212 222 423 524 814**

b. 300 271 170 372 412 → **170 271 300 372 412**

c. 840 729 844 912 814 → **729 814 840 844 912**

d. 650 450 750 850 550 → **450 550 650 750 850**

e. 709 790 614 641 461 → **461 614 641 709 790**

2. Arrange in descending order :

a. 56 106 576 769 601 → **769 601 576 106 56**

b. 375 485 967 507 402 → **967 507 485 402 375**

c. 872 308 576 412 911 → **911 812 576 412 308**

d. 943 841 504 742 211 → **943 841 742 504 211**

e. 751 212 823 725 821 → **823 521 751 725 212**

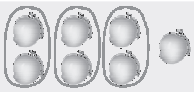
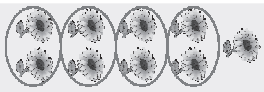
HOTS Questions

Ans. I am an odd number between 1 and 10. I am greater than 5 but less than 9. I am 7.

Exercise 1.6

1. Pair the objects and find whether they are even or odd.
The first one has been done for you :

Ans.

Objects	Number	Even/Odd
a. 	7	Odd
b.	6	Even
c. 	9	Odd
d.	6	Even
e.	7	Odd

2. In the following numbers indicate the even numbers with the help of circle :

Ans.
a. 1, (2), 3, (4), 5, (6), 7, (8)
b. 9, (12), 13, (14), 27, (28), (32), 33
c. 27, (32), 47, (64), 87, (78), (90), 99
d. (10), 11, (12), 13, (14), 15, (16), 17
e. (18), 19, (22), (24), 25, 27, 31, (32)

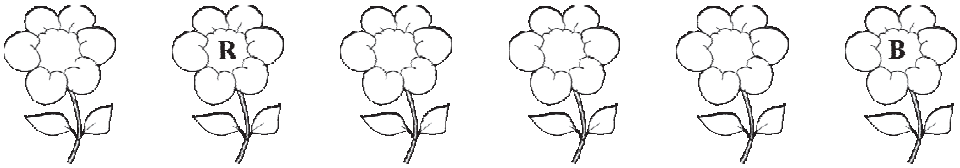
3. In the following numbers indicate the odd numbers with the help of circle :

Ans.
a. (3), 4, (5), 6, (7), 8, (9), 10
b. 10, 16, (21), 24, (25), 32, (43), 54
c. (81), 82, (83), 84, (85), 86, (87), 88
d. 12, (13), 14, (15), 16, (17), 18, (19)
e. (49), (51), (53), (55), (57), (59), (61), (63)

Exercise 1.7

1. Colour the second flower red and sixth flower blue :

Ans.



2. Match the following :

a. Thursday	Third day
b. Monday	Second day
c. Saturday	First day
d. Friday	Fourth day
e. Sunday	Seventh day
f. Tuesday	Sixth day
g. Wednesday	Fifth day

MCQ's

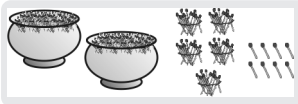
Tick (✓) the correct choice :

Ans. 1. c. 389 2. c. 753 3. a. 600 4. c. 907

Worksheet

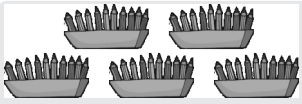
How many are these?

Ans.

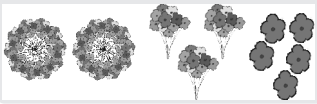


258 Matchsticks

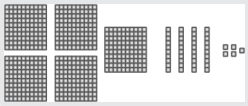
505 Rupees



50 Pencils



235 Flowers



545 Stickers

2 Addition

Warm Up

Mahi and Gargi are playing on the beach. They have collected many types of seashells.

Ans. 1. Gargi collected 8 round shells and 9 oval shells.
So, Gargi collected 8 + 9 = 17 shells in all.

$$\begin{array}{r} 8 \\ +\ 9 \\ \hline 17 \end{array}$$

2. Mahi collected 16 round shells and 3 oval shells.
So, Mahi collected 16 + 3 = 19 shells in all.

$$\begin{array}{r} 16 \\ +\ 3 \\ \hline 19 \end{array}$$

Exercise 2.1

Fill in the blanks :

Ans.
1. 16 + 0 = 16
2. 17 + 15 = 15 + 17
3. 7 + 1 = 8
4. 9 + 1 = 10
5. 75 + 0 = 75
6. 2 + 18 = 18 + 2

Exercise 2.2

1. Add the following :

Ans.

a.
$$\begin{array}{r} \text{T O} \\ 8\ 8 \\ +\ 1\ 1 \\ \hline 9\ 9 \end{array}$$

b.
$$\begin{array}{r} \text{T O} \\ 4\ 7 \\ +\ 2\ 2 \\ \hline 6\ 9 \end{array}$$

c.
$$\begin{array}{r} \text{T O} \\ 2\ 5 \\ +\ 5\ 3 \\ \hline 7\ 8 \end{array}$$

d.
$$\begin{array}{r} \text{T O} \\ 9\ 3 \\ +\ 0\ 1 \\ \hline 9\ 4 \end{array}$$

e.	T O 4 5 + 5 3 9 8	f.	T O 2 8 + 6 1 8 9	g.	T O 8 0 + 1 9 9 9	h.	T O 6 2 + 1 4 7 6
i.	T O 4 0 + 1 4 5 4	j.	T O 4 2 + 1 2 5 4	k.	T O 2 0 + 1 1 3 1	l.	T O 6 1 + 3 3 9 4
m.	T O 5 7 + 2 2 7 9	n.	T O 6 2 + 1 4 7 6	o.	T O 4 0 + 2 3 6 3	p.	T O 3 1 + 1 2 4 3

2. Add the following :

Ans.

a.	T O 1 3 1 2 + 1 0 3 5	b.	T O 3 0 2 1 + 5 5 1 0 6	c.	T O 5 6 1 3 + 3 0 9 9	d.	T O 1 4 2 2 + 2 3 5 9
e.	T O 5 2 4 2 + 0 4 9 8	f.	T O 2 4 4 3 + 2 2 8 9	g.	T O 5 2 1 2 + 2 4 8 8	h.	T O 1 1 1 0 + 2 1 4 2
i.	T O 2 3 3 4 + 4 2 9 9	j.	T O 3 2 2 4 + 4 3 9 9	k.	T O 1 0 2 0 + 3 0 6 0	l.	T O 1 2 1 2 + 1 2 3 6

3. Arrange in columns and add the following :

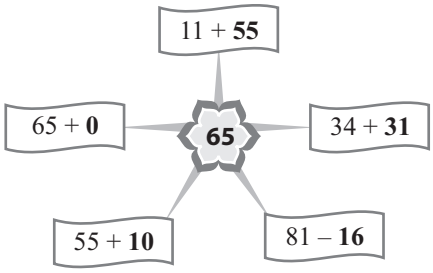
Ans.

a.	T O 4 5 2 0 + 1 4 7 9	b.	T O 1 1 2 4 + 4 0 7 5	c.	T O 1 3 3 2 + 5 3 9 8	d.	T O 2 1 3 5 + 1 3 6 9
e.	T O 2 3 3 1 + 2 1 7 5	f.	T O 2 0 1 2 + 2 1 5 3	g.	T O 2 0 4 0 + 3 0 9 0	h.	T O 1 1 1 3 + 1 4 3 8

HOTS Questions

Fill in the blanks with a number, sign or both to get the answer in the centre.

Ans.



Exercise 2.3

1. Add the following :

Ans.

a.
```
  H T O
  2 2 3
+ 2 1 4
  4 3 7
```

b.
```
  H T O
  1 1 4
+ 1 2 2
  2 3 6
```

c.
```
  H T O
  4 4 3
+ 1 0 2
  5 4 5
```

d.
```
  H T O
  2 0 1
  4 3 7
+ 2 5 1
  8 8 9
```

e.
```
  H T O
  2 1 0
  1 2 0
+ 2 0 1
  5 3 1
```

f.
```
  H T O
  2 1 5
  1 0 1
+ 5 2 1
  8 3 7
```

g.
```
  H T O
  4 2 1
  1 2 1
+ 2 3 4
  7 7 6
```

h.
```
  H T O
  1 1 1
  2 2 2
+ 3 3 3
  6 6 6
```

i.
```
  H T O
  1 1 2
  1 1 4
+ 1 1 3
  3 3 9
```

j.
```
  H T O
  4 2 1
  2 4 1
+ 3 3 2
  9 9 4
```

k.
```
  H T O
  1 4 7
  5 2 1
+ 2 1 0
  8 7 8
```

l.
```
  H T O
  1 3 4
  2 2 0
+ 1 2 1
  4 7 5
```

2. Arrange in columns and add :

Ans.

a.
```
  H T O
  4 3 2
+ 1 2 4
  5 5 6
```

b.
```
  H T O
  3 4 7
+ 2 2 2
  5 6 9
```

c.
```
  H T O
  6 0 0
+ 3 0 0
  9 0 0
```

d.
```
  H T O
  1 2 3
  2 1 2
+ 4 0 0
  7 3 5
```

e.
```
  H T O
  1 0 2
  2 1 4
+ 2 4 1
  5 5 7
```

f.
```
  H T O
  3 3 3
  2 2 2
+ 1 1 1
  6 6 6
```

Exercise 2.4

1. Add the following :

Ans.

a.
```
  H T O
    1
    3 2
  + 1 8
    5 0
```

b.
```
  H T O
    1
    3 2
  + 4 9
    8 1
```

c.
```
  H T O
    1
    1 4
    7 8
  + 9 2
```

d.
```
  H T O
    1
    3 3
  + 5 7
    9 0
```

	H T O		H T O		H T O		H T O
e.	1 7 8 + 4 4 1 2 2	f.	1 7 4 + 3 6 1 1 0	g.	1 2 7 + 9 4 1 2 2	h.	1 9 8 + 4 5 1 4 3

2. Arrange in columns and add :

Ans.

	H T O		H T O		H T O		H T O		H T O		H T O
a.	1 8 7 + 1 5 1 0 2	b.	1 4 4 + 2 6 7 0	c.	1 4 8 + 3 7 8 5	d.	1 2 7 + 2 6 5 3	e.	1 4 9 + 4 5 9 4	f.	1 2 7 + 4 4 7 1

Exercise 2.5

1. Add the following :

Ans.

	H T O		H T O		H T O		H T O
a.	1 1 1 1 2 + 6 4 8 7 6 0	b.	1 2 6 7 + 2 1 8 4 8 5	c.	1 3 4 8 + 2 2 9 5 7 7	d.	1 5 2 7 + 2 5 3 7 8 0
e.	1 1 2 1 8 + 2 9 8 5 1 6	f.	1 1 3 9 7 + 1 7 7 5 7 4	g.	1 1 2 8 4 + 3 9 7 6 8 2	h.	1 1 3 1 7 + 4 8 8 8 0 5
i.	1 1 2 4 7 + 1 5 6 4 0 3	j.	1 1 4 3 8 + 2 7 9 7 1 7	k.	1 1 3 1 4 + 2 9 6 6 1 0	l.	1 2 5 6 + 4 2 8 6 8 4

2. Add the following :

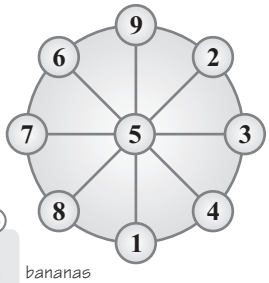
Ans.

	H T O		H T O		H T O		H T O
a.	1 2 3 3 6 3 2 8 + 1 0 9 7 7 3	b.	1 2 2 6 9 2 5 8 + 1 0 9 6 3 6	c.	1 1 4 3 6 3 8 7 + 1 0 0 9 2 3	d.	1 1 2 4 8 1 5 7 + 3 2 2 7 2 7
e.	1 1 4 2 7 2 6 5 + 2 3 7 1 5	f.	1 1 6 5 8 1 4 6 + 1 1 1 9 1 5	g.	1 2 1 6 1 0 6 + 2 4 6 5 6 8	h.	1 1 2 2 6 2 8 6 + 1 2 3 6 3 5
i.	1 1 4 6 5 3 5 8 + 7 5 8 9 8	j.	1 1 5 6 6 2 7 9 + 1 1 2 9 5 7	k.	1 2 2 8 9 1 3 9 + 2 2 2 6 5 0	l.	1 1 3 5 6 3 6 8 + 1 1 4 8 3 8

HOTS Questions

Use each of these numbers ; 1, 2, 3, 4, 5, 6, 7, 8 and 9, in distinct circles so that the sum of each straight row of these circles is 15. You can consider 5 at the central circle.

Ans.



Exercise 2.6

Solve the following word problems :

1. Mummy bought 18 bananas, 12 apples and 16 oranges to make fruit salad for the picnic. How many fruits in all did she buy?

Ans. She bought **46** fruits.

T O	
1 8	bananas
1 2	apples
+ 1 6	oranges
4 6	fruits

2. Shivam bought 27 green balloons and 36 red balloons. How many balloons did he buy in all?

Ans. Shivam bought **63** balloons.

T O	
2 7	green balloons
+ 3 6	red balloons
6 3	balloons

3. There are 68 teachers, 138 boys and 177 girls in a school. How many total number of persons are there in the school?

Ans. There are **383** persons in the school.

H T O	
6 8	teacher
1 3 8	boys
+ 1 7 7	girls
3 8 3	persons

4. There are 157 lilies and 148 roses in a garden. How many flowers are there in the garden altogether?

Ans. **315** flowers in all.

H T O	
1 5 7	lilies
+ 1 4 8	roses
3 1 5	flowers

5. Reema's class planted 64 palm trees, 136 neem trees and 237 Ashoka trees. How many trees did the Reema's class plant?

Ans. Reema's class planted **437** trees in all.

H T O	
6 4	Palm trees
1 3 6	Neem trees
+ 2 3 7	Ashoka trees
4 3 7	trees

6. Radhika took 97 steps to reach the gate. Then she took 135 steps to reach her bus. How many steps did she take in all?

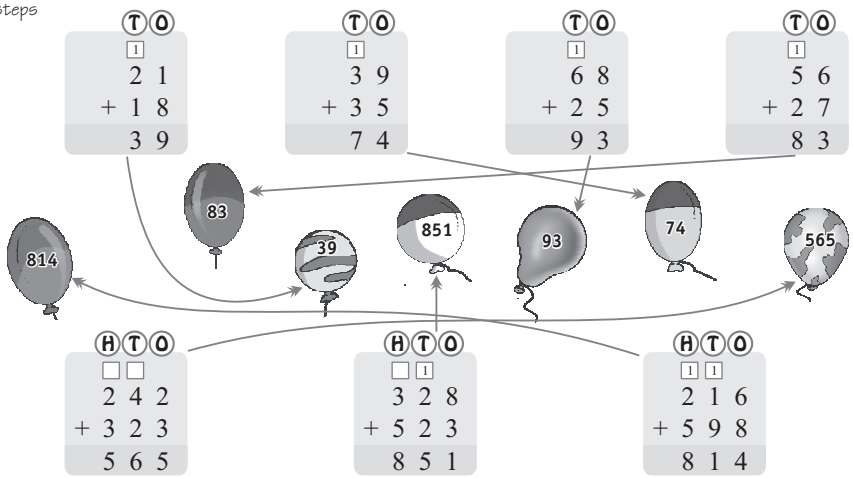
Ans. Radhika took **234** steps in all.

H T O	
9 7	steps
+ 1 3 7	steps
2 3 4	steps

Worksheet

Solve the sums and join the answer to the correct balloons.

Ans.



MCQ's

Tick (✓) the correct choice :

Ans. 1. b. 16 2. a. 18 3. a. 369 4. a. 4

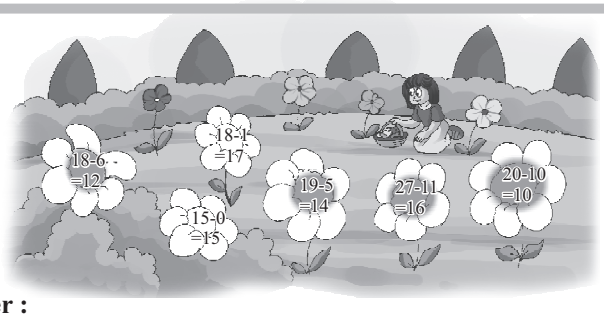
3 Subtraction

Warm Up

1. Swati can pluck only flowers to which the answer are 10, 12, 16, 14.

Colour the flowers red she plucks :

Ans.

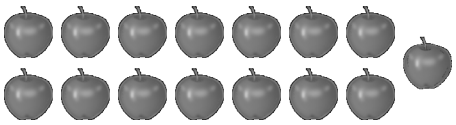


2. Cross out and find the answer :

Ans. a. Take away 7 from 16.

16 – 7 = 9

b. Take away 5 from 15.



15 – 5 = 10

Exercise 3.1

Fill in the blanks :

Ans.

1.	16	–	0	=	**16**	2.	4	–	**1**	=	3
3.	17	–	1	=	**16**	4.	25	–	**25**	=	0
5.	45	–	**1**	=	44	6.	19	–	**0**	=	19
7.	28	–	28	=	**0**	8.	39	–	1	=	**38**

Exercise 3.2

1. Subtract :

Ans.

	T O		T O		T O		T O		T O		T O
a.	1 7	b.	6 5	c.	1 5	d.	4 4	e.	3 9	f.	9 9
	– 1 2		– 1 5		– 1 1		– 4 2		– 2 6		– 1 9
	5		5 0		4		2		1 3		8 0

	T O		T O		T O		T O		T O		T O
g.	4 8	h.	8 8	i.	8 7	j.	9 8	k.	2 7	l.	7 9
	– 1 6		– 2 7		– 1 5		– 1 7		– 1 4		– 1 6
	3 2		6 1		7 2		8 1		1 3		6 3

2. Arrange in columns and find the difference :

Ans.

a.
```
  T O
  5 7
– 1 5
  4 2
```

b.
```
  T O
  3 6
– 1 2
  2 4
```

c.
```
  T O
  9 7
– 4 3
  5 4
```

d.
```
  T O
  6 6
– 2 2
  4 4
```

e.
```
  T O
  7 5
– 4 3
  3 2
```

f.
```
  T O
  8 7
– 4 7
  4 0
```

g.
```
  T O
  5 9
– 3 7
  2 2
```

h.
```
  T O
  8 0
– 5 0
  3 0
```

Exercise 3.3

Subtract the following :

Ans.

1.
```
  H T O
  5 8 3
– 1 3 1
  4 5 2
```

2.
```
  H T O
  3 7 6
– 1 2 1
  2 5 5
```

3.
```
  H T O
  4 6 7
– 2 3 1
  2 3 6
```

4.
```
  H T O
  6 8 7
– 5 3 2
  1 5 5
```

5.
```
  H T O
  3 3 3
– 2 2 2
  1 1 1
```

6.
```
  H T O
  6 6 6
– 2 4 2
  4 2 4
```

7.
```
  H T O
  6 8 7
– 1 1 1
  5 7 6
```

8.
```
  H T O
  3 9 8
– 2 7 7
  1 2 1
```

9.
```
  H T O
  7 5 4
– 5 2 0
  2 3 4
```

10.
```
  H T O
  9 7 3
– 7 2 1
  2 5 2
```

11.
```
  H T O
  8 9 3
– 1 1 1
  7 8 2
```

12.
```
  H T O
  4 4 4
– 2 1 2
  2 3 2
```

Exercise 3.4

Subtract :

Ans.

1.
```
  T O
  5 14
  6 4
– 2 6
  3 8
```

2.
```
  T O
  5 18
  6 8
– 4 9
  1 9
```

3.
```
  T O
  4 13
  5 3
– 2 9
  2 4
```

4.
```
  T O
  6 18
  7 8
– 3 9
  3 9
```

5.
```
  T O
  8 17
  9 7
– 7 8
  1 9
```

6.
```
  T O
  8 17
  9 7
– 5 8
  3 9
```

7.
```
  T O
  6 17
  9 7
– 5 8
  3 9
```

8.
```
  T O
  4 18
  5 8
– 1 9
  3 9
```

9.
```
  T O
  4 13
  5 3
– 2 4
  2 9
```

10.
```
  T O
  7 14
  8 4
– 4 7
  3 7
```

11.
```
  T O
  2 17
  3 7
– 1 9
  1 8
```

12.
```
  T O
  7 14
  8 4
– 4 6
  3 8
```

Exercise 3.5

1. Subtract :

Ans.

a.
```
  H T O
  7 14
    4 12
  8 5 2
– 5 6 8
  2 8 4
```

b.
```
  H T O
  4 15
    5 14
  5 6 4
– 3 7 6
  1 8 8
```

c.
```
  H T O
  5 16
    6 14
  6 7 4
– 5 8 9
  0 8 5
```

d.
```
  H T O
  8 14
    4 16
  9 5 6
– 7 9 8
  1 5 8
```

e.
```
  H T O
  3 □
    15 □
  4 5 6
– 2 7 4
  1 8 2
```

f.

H	T	O
4	13	
	~~5~~	15
5	~~4~~	~~5~~
– 2	8	8
2	5	7

g.

H	T	O
6	14	
	~~4~~	13
~~7~~	~~5~~	~~3~~
– 5	6	6
1	8	7

h.

H	T	O
5	14	
	~~4~~	14
~~6~~	~~5~~	~~4~~
– 2	9	5
3	5	9

i.

H	T	O
3	12	
	~~2~~	17
~~4~~	~~3~~	~~7~~
– 2	6	8
1	6	9

2. Subtract the following :

Ans.

a.

H	T	O
2	12	
	~~2~~	12
~~3~~	~~3~~	~~2~~
– 1	6	7
1	6	5

b.

H	T	O
3	10	
	~~0~~	13
~~4~~	~~1~~	~~3~~
– 2	6	5
1	4	8

c.

H	T	O
4	9	
	~~10~~	16
~~5~~	~~0~~	~~6~~
– 2	9	7
2	0	9

d.

H	T	O
6	14	
	4	17
~~7~~	~~5~~	~~7~~
– 5	6	9
1	8	8

e.

H	T	O
4	16	
	6	12
~~5~~	~~7~~	~~2~~
– 2	9	3
2	7	9

f.

H	T	O
6	12	
	~~2~~	12
~~7~~	~~3~~	~~2~~
– 3	4	6
3	8	6

g.

H	T	O
5	14	
	~~4~~	16
~~6~~	~~5~~	~~6~~
– 2	9	7
3	5	9

h.

H	T	O
7	15	
	~~5~~	16
~~8~~	~~6~~	~~6~~
– 4	9	7
3	6	9

i.

H	T	O
4	13	
	~~3~~	12
~~5~~	~~4~~	~~2~~
– 2	5	4
2	8	8

j.

H	T	O
7	15	
	~~5~~	15
~~8~~	~~6~~	~~5~~
– 5	9	7
2	6	8

k.

H	T	O
□	□	
	3	14
9	~~4~~	~~4~~
– 6	3	7
3	0	7

l.

H	T	O
7	14	
	~~4~~	13
~~8~~	~~5~~	~~3~~
– 4	6	7
3	8	6

3. Arrange in columns and subtract :

Ans.

a.

H	T	O
5	9	
	10	14
~~6~~	~~0~~	~~4~~
– 3	8	6
2	1	8

b.

H	T	O
6	18	
	□	□
~~7~~	~~8~~	8
– 5	9	2
1	9	6

c.

H	T	O
3	10	
	□	□
~~4~~	~~0~~	4
– 1	8	3
2	2	1

d.

H	T	O
□	□	
	7	13
6	~~8~~	~~3~~
– 4	1	6
2	6	7

e.

H	T	O
4	9	
	~~10~~	13
~~5~~	~~0~~	~~3~~
– 3	4	6
1	5	7

f.

H	T	O
□	□	
	4	14
8	~~5~~	~~4~~
– 4	2	8
4	2	6

g.

H	T	O
□	□	
	7	11
7	~~8~~	~~1~~
– 2	7	9
5	0	2

h.

H	T	O
8	9	
	~~10~~	13
~~9~~	~~0~~	~~3~~
– 6	7	6
2	2	7

Exercise 3.6

Subtract and check the answer by addition :

Ans.

1.

T	O
4	8
– 1	1
3	7

CHECK

T	O
3	7
+ 1	1
4	8

2.

T	O
6	9
– 1	9
5	0

CHECK

T	O
5	0
+ 1	9
6	9

3.

H	T	O
3	4	6
– 1	2	0
2	2	6

CHECK

H	T	O
2	2	6
+ 1	2	0
3	4	6

4.

H	T	O
5	~~5~~ (4)	~~8~~ (18)
– 2	3	9
3	1	9

CHECK

H	T	O
3	1 (1)	9
+ 2	3	9
5	5	8

5.

H	T	O
7	~~7~~ (6)	~~5~~ (15)
– 4	3	8
3	3	7

CHECK

H	T	O
3	~~3~~ (1)	~~7~~
+ 4	3	8
7	7	5

6.

H	T	O
9	~~6~~ (5)	~~4~~ (14)
– 8	5	6
1	0	8

CHECK

H	T	O
1	0 (1)	8
+ 8	5	6
9	6	4

Exercise 3.7

1. There were 49 people in the bus. 25 got off at Qutub Minar. How many were left in the bus?

Ans. **24** people left in the bus.

H	T	O	
4	9		people in the bus
– 2	5		people got off
2	4		people left in the bus.

2. There are 664 people in a stadium. 338 of them are boys. How many girls are there?

Ans. 326 girls in a stadium.

H	T	O	
	[5]	[14]	
6	~~6~~	~~4~~	People in a stadium
– 3	3	8	Boys
3	2	6	Girls

3. There are 800 students in a hostel. 317 students of them left the hostel. How many students are there now?

Ans. 483 students are there now.

H	T	O	
[7]	[9]	[10]	
~~8~~	~~0~~	~~0~~	Students
– 3	1	7	Students of left
4	8	3	Now students

4. There are 927 books of Maths and English in a library. 324 books of them are of English. How many Maths books are there?

Ans. 603 maths books are there.

H	T	O	
9	2	7	Maths and English books
– 3	2	4	English books
6	0	3	Maths books

5. There are 414 students in a school. 212 students passed. How many students were failed?

Ans. 202 students were failed.

H	T	O	
4	1	4	Total students
– 2	1	2	Passed students
2	0	2	failed students

6. There were 817 passengers travelling in a train. 218 passengers of them are Indian? How many passengers are not-Indian?

Ans. 559 passengers are not Indian.

H	T	O	
[7]	[10]		
~~8~~	~~1~~ [10]	~~7~~ [17]	Passengers
– 2	1	8	Indian Passengers
5	9	9	Not Indian passengers

7. Rajni had ₹ 500 and she purchased a doll for ₹ 215. How many rupees has she left over?

Ans. ₹ 285 has she left overs.

H	T	O	
[4]	[9]		
	[10]	[10]	
₹~~5~~	~~0~~	~~0~~	Rajni had
–₹2	1	5	Purchased a doll
2	8	5	left rupees

MCQ's

Tick (✓) the correct choice :

Ans. 1. c. 0 2. b. 21 3. b. 5 4. c. 211 5. c. 60 – 38

Worksheet

Cattle enjoy grazing in the meadow. Given below are the distances each cow travelled yesterday and today. Find out the difference of distance travelled by each cow in both the days :

Ans. Difference **122 m** **70 m** **195 m**

4 Shapes and Patterns

Warm Up

1. Which shape can you see in these objects? Tick (✓) the correct boxes.

Ans.

	●	▭	▢	▲
				✓
	✓			
		✓		
			✓	
	✓			
		✓		

Exercise 4.1

1. Answer the following questions :

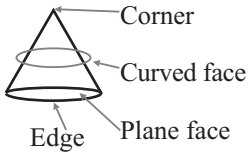
a. What is a rectangle? Draw its figure also.

Ans. **Rectangle :** It has four corners and four sides. Its opposite sides are equal.

RECTANGLE

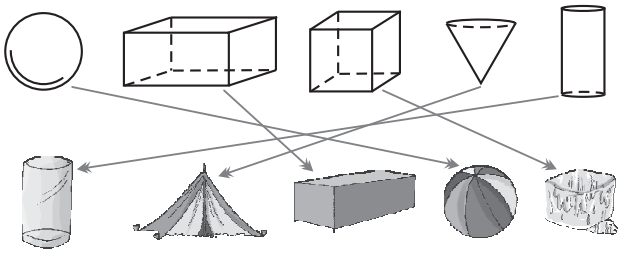
b. Define cone and draw its figure too.

Ans. Cone has two Foces, one corners and one edges. It looks as triangle. For example : joker cap, birthday cap, tent etc.



2. Match the following :

Ans.



3. Complete the table :

Ans.

Shape	Faces	Edges	Vertices
Sphere	1	0	0
Cube	6	12	8
Cylinder	3	2	0

Exercise 4.2

1. Find the number of curved, horizontal, vertical and slanting lines in the figure shown :

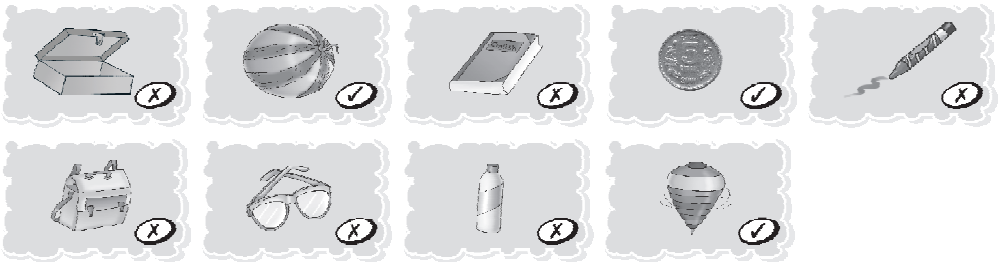
Ans. a. Horizontal lines **29** b. Vertical lines **27**

c. Slanting lines **3** d. Curved lines **14**

Exercise 4.3

Now try rolling or sliding the following objects. Tick (✓) the objects that roll. Put a cross (✗) against the objects that slide : Circle the ones that can both roll and slide.

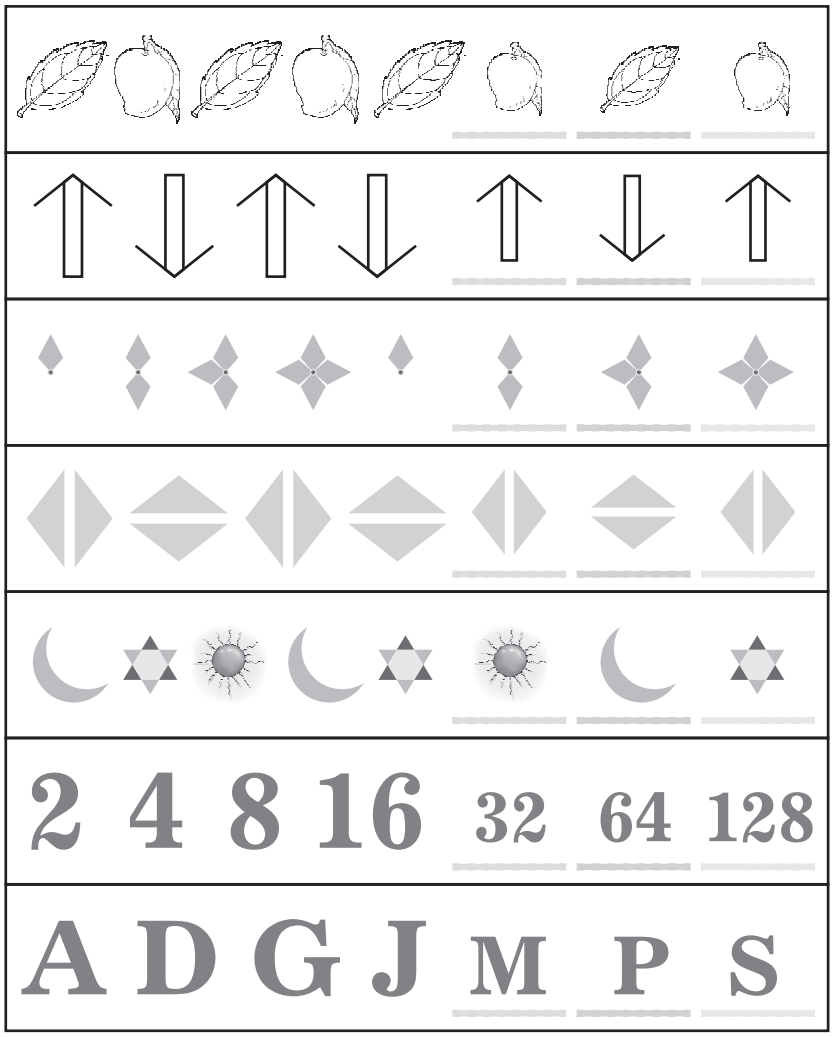
Ans.



Exercise 4.4

Draw the sequence that follows and colour them :

Ans.



MCQ's

Tick (✓) the correct choice :

Ans. 1. a. 8 2. b. 1 3. a. brick 4. a. 4

Worksheet

Tick (✓) the correct answer :

Ans.

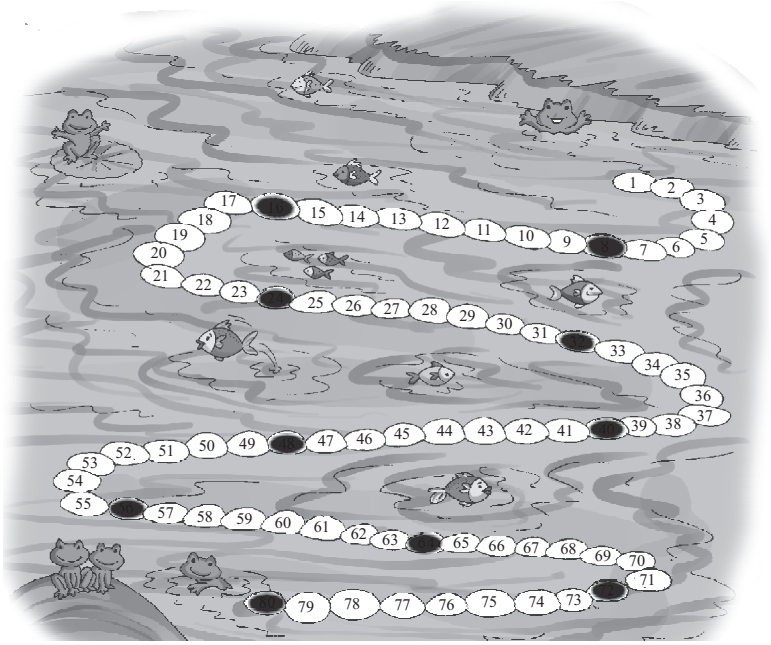
Object	Geometrical shape	
		roll ✓ slide ☐ both ☐
		roll ☐ slide ☐ both ✓
		roll ☐ slide ✓ both ☐
		roll ☐ slide ☐ both ✓

5 Multiplication

Warm Up

1. Starting from 8, skipping 7 we get the multiplication table of 8.
Colour every eighth stone and get the multiplication fact of 8.

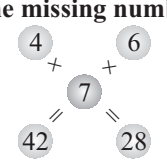
Ans.

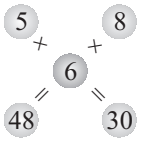


HOTS Questions

Fill the missing number :

Ans.

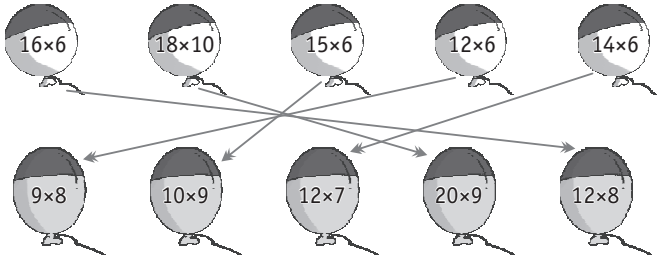




Exercise 5.1

1. Join the balloons that have the same answer :

Ans.



2. Fill in the blanks :

Ans.

11	×	1	=	**11**		20	×	1	=	**20**
12	×	2	=	**24**		19	×	2	=	**38**
13	×	3	=	**39**		18	×	3	=	**54**
14	×	4	=	**56**		17	×	4	=	**68**
15	×	5	=	**75**		16	×	5	=	**80**
16	×	6	=	**96**		15	×	6	=	**90**
17	×	7	=	**119**		14	×	7	=	**98**
18	×	8	=	**144**		13	×	8	=	**104**
19	×	9	=	**171**		12	×	9	=	**108**
20	×	10	=	**200**		11	×	10	=	**110**

HOTS Questions

There are 10 plates on a table. Ankur put 2 spoons and 2 forks in each plate. How many spoons and forks are there?

Ans. Spoons 10 × 2 = 20
Forks 10 × 2 = + 20
$\boxed{40}$ ∴ 40 spoons and forks are there.

Exercise 5.2

Fill in the blank :

Ans.

1. 3 × 0 = **0**
2. 9 × 1 = **9**
3. 7 × 0 = **0**
4. 8 × 1 = **8**
5. 11 × **0** = 0
6. 13 × **1** = 13
7. 5 × 1 = 1 × **5**
8. 8 × **9** = 9 × **8**
9. 14 × **0** = 0

Exercise 5.3

Multiply :

Ans.

1.
T	O
2	4
×	2
4	8

2.
T	O
1	3
×	2
2	6

3.
T	O
1	1
×	3
3	3

4.
T	O
3	3
×	3
9	9

5.
T	O
1	0
×	7
7	0

6.
T	O
3	4
×	2
6	8

7.
T	O
3	1
×	3
9	3

8.
T	O
1	0
×	5
5	0

Exercise 5.4

1. Multiply the following :

Ans.

a.
H	T	O
1		
	4	5
	×	2
	9	0

b.
H	T	O
1		
	3	7
	×	2
	7	4

c.
H	T	O
2		
	7	9
	×	3
2	3	7

d.
H	T	O
1		
	6	9
	×	2
1	3	8

e.
H	T	O
1		
	2	6
	×	3
	7	8

f.
H	T	O
1		
	5	4
	×	4
2	1	6

g.
H	T	O
3		
	7	6
	×	5
3	8	0

h.
H	T	O
1		
	5	9
	×	2
1	1	8

i.
H	T	O
1		
	3	4
	×	4
1	3	6

j.
H	T	O
4		
	6	9
	×	5
3	4	5

k.
H	T	O
1		
	4	4
	×	3
1	3	2

l.
H	T	O
4		
	2	7
	×	6
1	6	2

2. Find the product :

Ans.

a.
H	T	O
2		
	1	5
	×	5
	7	5

b.
H	T	O
1		
	2	5
	×	2
	5	0

c.
H	T	O
2		
	8	4
	×	6
5	0	4

d.
H	T	O
	9	2
	×	3
2	7	6

e.
H	T	O
2		
	1	4
	×	7
	9	8

f.
H	T	O
1		
	7	2
	×	5
3	6	0

g.
H	T	O
2		
	1	5
	×	4
	6	0

h.
H	T	O
2		
	1	9
	×	3
	5	7

i.
H	T	O
3		
	1	6
	×	5
	8	0

j.
H	T	O
1		
	6	2
	×	8
4	9	6

k.
H	T	O
1		
	2	7
	×	2
	5	4

l.
H	T	O
2		
	5	3
	×	7
3	7	1

m.
H	T	O
2		
	1	4
	×	6
	8	4

n.
H	T	O
1		
	4	5
	×	2
	9	0

o.
H	T	O
2		
	1	3
	×	9
1	1	7

Exercise 5.5

Find the products of the following :

Ans.

1.
H	T	O
2	4	2
	×	2
4	8	4

2.
H	T	O
3	1	2
	×	3
9	3	6

3.
H	T	O
2	1	4
	×	2
4	2	8

4.
H	T	O
2	1	2
	×	2
4	2	4

5.
H	T	O
2	2	4
	×	2
4	4	8

6.
H	T	O
3	2	1
	×	3
9	6	3

7.
H	T	O
2	3	1
	×	3
6	9	3

8.
H	T	O
4	2	2
	×	2
8	4	4

9. 323 × 2 = 646

10. 144 × 2 = 288

11. 322 × 3 = 966

12. 142 × 2 = 284

13. 123 × 2 = 246

14. 444 × 2 = 888

15. 211 × 2 = 422

16. 421 × 2 = 842

HOTS Questions

Aman has 10 coins of ₹ 2 each and Alisha has 4 coins of ₹ 5 each. Can they together buy a foot ball that costs ₹ 40?

Ans. Yes, they together buy a foot ball.

Exercise 5.6

1. Solve the following :

Ans.

a. 126 × 6 = 756

b. 379 × 2 = 758

c. 258 × 2 = 516

d. 134 × 6 = 804

e. 122 × 8 = 976

f. 123 × 5 = 615

g. 245 × 3 = 735

h. 236 × 3 = 708

2. Find the product :

Ans.

a. 105 × 9 = 945

b. 327 × 3 = 981

c. 234 × 4 = 936

d. 188 × 3 = 564

e. 143 × 5 = 715

f. 123 × 4 = 492

g. 108 × 4 = 432

h. 155 × 4 = 620

i. 118 × 8 = 944

j. 168 × 4 = 672

k. 188 × 4 = 752

l. 117 × 8 = 936

Exercise 5.7

Solve the following word problems :

1. A bus from Delhi to Chandigarh carries 64 passengers. There are 6 such buses. How many people can travel in these six buses in all?

Ans. **384** people can travel in 6 buses.

64 × 8 = 384

H	T	O
3	3	
1	7	9
	×	4
7	1	6

2. There are 179 flowers in a garden. How many flowers would be there in 4 such gardens?

Ans. There are **716** flowers in 4 such gardens.

H	T	O
3	3	
1	6	7
	×	5
8	3	5

3. A worker earns ₹ 167 in a day. How much will he earn in 5 days?

Ans. He will earn **₹ 835 in 5 days**.

H	T	O
	1	
2	1	6
	×	3
6	4	8

4. A library contains 216 books. How many books will be in 3 such libraries?

Ans. **648** Books will be in 3 such libraries.

H	T	O
2	2	
2	6	9
	×	3
8	0	7

5. One fan has 3 blades. How many blades will be in 269 such fans?

Ans. 807 blades will be in 269 fans.

H	T	O
	1	
1	1	3
	×	5
5	6	5

6. Each student in a class has 5 crayon. There are 113 students in the class. How many crayons are there in all?

Ans. **565** crayons are there in all.

MCQ's

Tick (✓) the correct choice :

Ans. 1. a. 4 × 5 2. c. 78 3. a. 172 4. c. 138

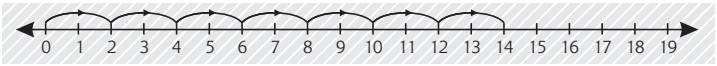
Worksheet

The sports day in the jungle is to be held soon. The frogs are preparing for the long jump. Jojo, Fabu, Rolu, Bolu and Mutu are taking jumps on the number lines drawn. Where do they reach? Draw the jumps :

Ans.

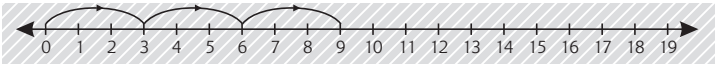
7 × 2 = **14**

Jojo



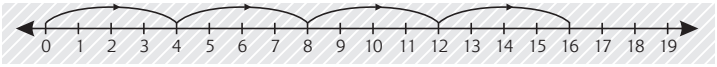
3 × 3 = **9**

Fabu



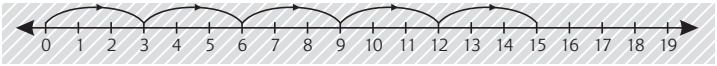
4 × 4 = **16**

Rolu



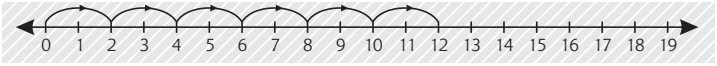
3 × 5 = **15**

Bolu



2 × 6 = **12**

Mutu



Who covered the longest distance? **Rolu**

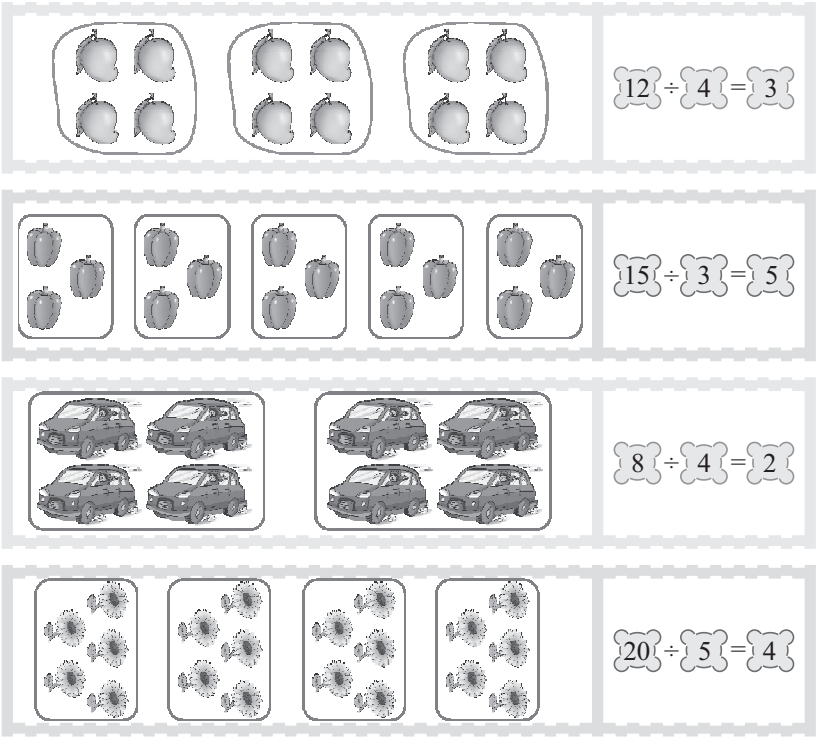
Who covered the shortest distance? **Fabu**

6 Division

Warm Up

Mark groups and fill in the boxes. One is done for you.

Ans.



Exercise 6.1

Divide using repeated subtraction :

2. 20 ÷ 4

```
 2 0
 – 4   ← 1st time
 1 6
 – 4   ← 2nd time
 1 2
 – 4   ← 3rd time
 0 8
 – 4   ← 4th time
 0 4
 – 4   ← 5th time
   0
```

Ans. 20 ÷ 4 = **5**

3. 42 ÷ 7

```
 4 2
 – 7   ← 1st time
 3 5
 – 7   ← 2nd time
 2 8
 – 7   ← 3rd time
 2 1
 – 7   ← 4th time
 1 4
 – 7   ← 5th time
 0 7
 – 7   ← 6th time
   0
```

Ans. 42 ÷ 7 = **6**

4. 12 ÷ 2

```
 1 2
 – 2   ← 1st time
 1 0
 – 2   ← 2nd time
 0 8
 – 2   ← 3rd time
 0 6
 – 2   ← 4th time
 0 4
 – 2   ← 5th time
 0 2
 – 2   ← 6th time
   0
```

Ans. 12 ÷ 2 = **6**

5. 36 ÷ 9

```
 3 6
 – 9   ← 1st time
 2 7
 – 9   ← 2nd time
 1 8
 – 9   ← 3rd time
 0 9
 – 9   ← 4th time
 0 0
```

Ans. 36 ÷ 9 = **4**

6. 25 ÷ 5

```
 2 5
 – 5   ← 1st time
 2 0
 – 5   ← 2nd time
 1 5
 – 5   ← 3rd time
 1 0
 – 5   ← 4th time
 0 5
 – 5   ← 5th time
   0
```

Ans. 25 ÷ 5 = **5**

HOTS Questions

Sameer is going to an orphanage to distribute fruits on his birthday.
If there are 36 children at the orphange, how many dozen of bananas should he buy so that each child get 2 bananas ?

Ans. 36 ÷ 2 = 12
∴ 12 dozen bananas

Exercise 6.2

Fill in the blanks :

Ans.

1.	5	÷	1	=	**5**	2.	8	÷	**1**	=	8
3.	12	÷	12	=	**1**	4.	0	÷	4	=	**0**
5.	6	÷	6	=	**1**	6.	**15**	÷	1	=	15
7.	28	÷	1	=	**28**	8.	**0**	÷	7	=	0

Exercise 6.3

Fill in the blanks :

Ans.

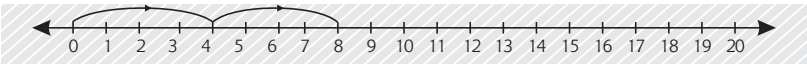
Multiplication fact	Division fact 1	Division fact 2
6 × 3 = 18	18 ÷ 3 = 6	18 ÷ 6 = 3
4 × 5 = 20	20 ÷ 5 = 4	20 ÷ 4 = 5
9 × 3 = 27	27 ÷ 3 = 9	27 ÷ 9 = 3
15 × 5 = 75	75 ÷ 5 = 15	75 ÷ 15 = 5
6 × 5 = 30	30 ÷ 5 = 6	30 ÷ 6 = 5
8 × 5 = 40	40 ÷ 5 = 8	40 ÷ 8 = 5
7 × 4 = 28	28 ÷ 4 = 7	28 ÷ 7 = 4
2 × 6 = 12	12 ÷ 6 = 2	12 ÷ 2 = 6

Exercise 6.4

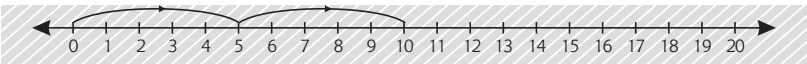
Divide by using the number line :

Ans.

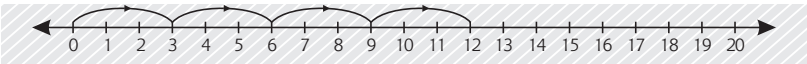
1. **8 ÷ 4 =** **2**



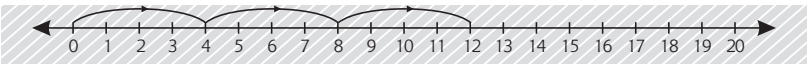
2. $10 \div 5 =$ **2**



3. $12 \div 3 =$ **4**



4. $12 \div 4 =$ **3**



Exercise 6.5

1. Solve the following :

Ans.

a. $4\overline{)24}$ = 6, -24, 0

b. $3\overline{)12}$ = 4, -12, 0

c. $2\overline{)18}$ = 9, -18, 0

d. $5\overline{)35}$ = 7, -35, 0

e. $6\overline{)36}$ = 6, -36, 0

f. $3\overline{)24}$ = 8, -24, 0

g. $7\overline{)56}$ = 8, -56, 0

h. $8\overline{)48}$ = 6, -48, 0

i. $3\overline{)27}$ = 9, -27, 0

j. $5\overline{)45}$ = 9, -45, 0

k. $9\overline{)72}$ = 8, -72, 0

l. $7\overline{)21}$ = 3, -21, 0

2. Match the following :

Ans.

81 ÷ 9	5	24 ÷ 4
40 ÷ 8	6	63 ÷ 7
90 ÷ 9	9	30 ÷ 6
48 ÷ 6	4	40 ÷ 10
12 ÷ 2	8	50 ÷ 5
20 ÷ 5	10	72 ÷ 9

3. Use multiplication table and divide :

Ans.

a. $2 \times 8 = 16$
$\Rightarrow 16 \div 2 = 8$

b. $5 \times 9 = 45$
$\Rightarrow 45 \div 5 = 9$

c. $4 \times 6 = 24$
$\Rightarrow 24 \div 6 = 4$

d. $7 \times 4 = 28$
$\Rightarrow 28 \div 7 = 4$

e. $7 \times 5 = 35$
$\Rightarrow 35 \div 7 = 5$

f. $8 \times 5 = 40$
$\Rightarrow 40 \div 8 = 5$

g. 10 × 9 = 90
⇒ 90 ÷ 10 = 9

h. 9 × 8 = 72
⇒ 72 ÷ 9 = 8

HOTS Questions

Your mother gave you 50 chocolates to distribute equally to 9 of your friends. She told you to keep the left over chocolates. How many chocolates did you get?

Ans. 50 ÷ 9

Exercise 6.6

1. 6 people can sit in a car. How many cars are needed to seat 54 people?

Ans. **54** cars needed.

```
      9
6 ) 54
   –54
     0
```

```
      6
4 ) 24
   –24
     0
```

2. Jhanvi reads a book containing 24 pages in 4 days. How many pages did she read in one day?

Ans. She read **6** pages in one day.

3. Nancy puts 21 mangoes in 7 baskets equally. How many mangoes does each basket contain?

Ans. **3** mangoes.

```
      3
7 ) 21
   –21
     0
```

```
      7
5 ) 35
   –35
     0
```

4. A tailor made 35 shirts in 5 days. How many shirts did he make in one day?

Ans. He make **7** shirts in one day.

5. 20 balloons are equally divided among 4 boys. How many balloons does each boy get?

Ans. **5** balloons

```
      5
4 ) 20
   –20
     0
```

MCQ's

Tick (✓) the correct choice :

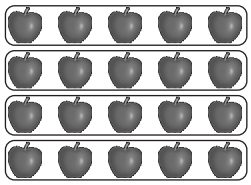
Ans. 1. c. 0 2. b. subtraction 3. a. 5 4. a. 18

Worksheet

Find out how many baskets are needed by grouping the fruits.

1. 20 apples, 5 apples in each basket.

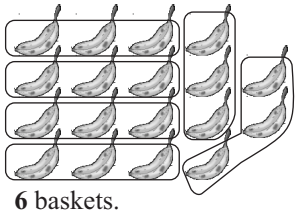
Ans.



4 baskets.

2. 18 bananas, 3 bananas in each basket.

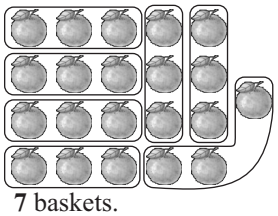
Ans.



6 baskets.

3. 21 oranges, 3 oranges in each basket.

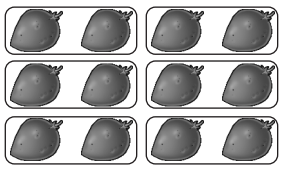
Ans.



7 baskets.

4. 12 strawberries, 2 strawberries in each basket.

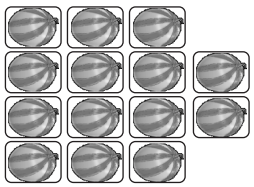
Ans.



6 baskets.

5. 14 watermelons, 1 watermelon in each basket.

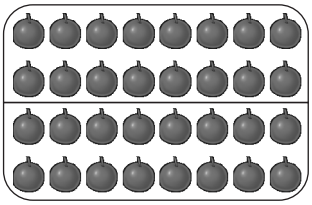
Ans.



14 baskets.

6. 32 cherries, all in same basket.

Ans.



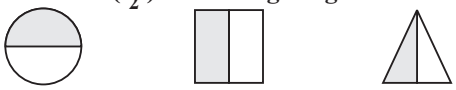
32 baskets.

7 Fractions

Exercise 7.1

1. Colour half ($\frac{1}{2}$) of each figure given below :

Ans.



2. Colour one-third ($\frac{1}{3}$) of each figure given below :

Ans.

3. Colour one-fourth ($\frac{1}{4}$) of each figure given below :

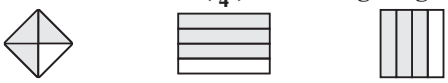
Ans.

4. Colour two-third ($\frac{2}{3}$) of each figure given below :

Ans.

5. Colour three-fourth ($\frac{3}{4}$) of each figure given below :

Ans.



HOTS Questions

This is the flag of France.
It also has 3 equal parts—blue, white and red.
What fraction of the flag is :

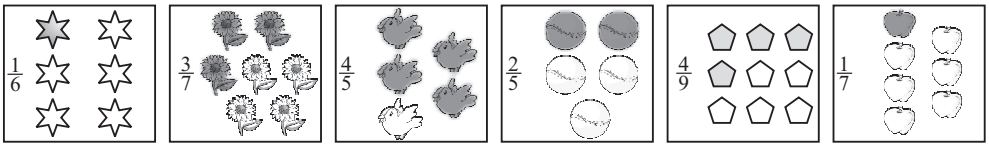
a. white in colour? $\frac{1}{3}$

b. blue and red in colour? $\frac{2}{3}$

Exercise 7.2

1. Colour to show the given fraction :
The first one has been done for you.

Ans.



MCQ's

Tick (✓) the correct choice :

Ans. 1. b. $\frac{1}{3}$ 2. b. 4 3. a. $\frac{1}{2}$

Worksheet

Circle the correct fraction of the shaded part :

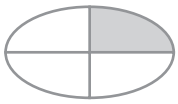
Ans.

1.

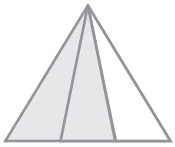
   $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

2.

   $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

3. 

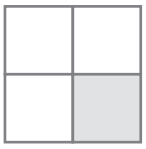
   $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

4. 

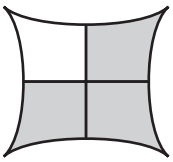
   $\frac{2}{3}$ $\frac{1}{3}$ $\frac{1}{4}$

5.

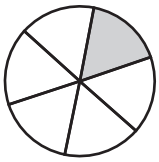
   $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

6. 

   $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

7. 

   $\frac{1}{4}$ $\frac{3}{4}$ $\frac{2}{3}$

8. 

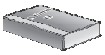
   $\frac{1}{6}$ $\frac{1}{5}$ $\frac{3}{6}$

8 Measurement

Warm Up

1. How would you measure the following? Tick (✓) the correct body part :

Ans.



Book

handspan ✓

Cubit ☐

Sharpner

handspan ☐

finger ✓

play ground

pace ✓

finger ☐

2. How much do the following weight?

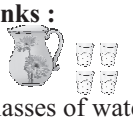
Ans.

8 lemons weigh as much as **4** blocks.

6 tomatoes weigh as much as **3** blocks.

3. Count the glasses and fill in the blanks :

Ans. The jug can hold **4** glasses of water.



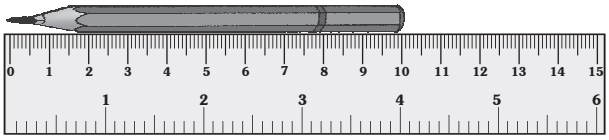
The bottle can hold **3** glasses of water.

The bottle has **more** capacity than jug.

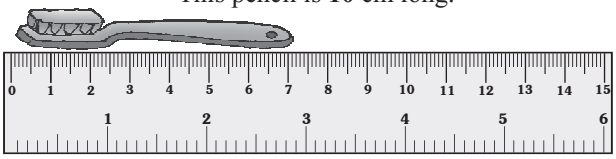
Exercise 8.1

1. Measure the length of the following :

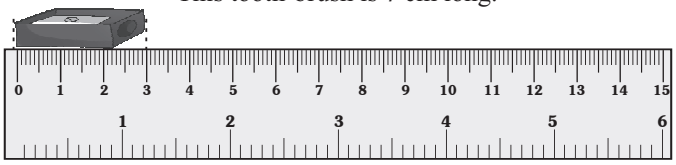
Ans.



This pencil is **10** cm long.



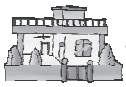
This tooth-brush is **7** cm long.



This sharpener is **3** cm long.

2. Tick (✓) the correct unit. Which standard unit will you use to measure :

Ans.

the height of a ?	m ✓	cm
the length of your laces?	m	cm ✓
the height of your ?	m	cm ✓
the length of a ?	m	cm ✓
the height of your  ?	m ✓	cm

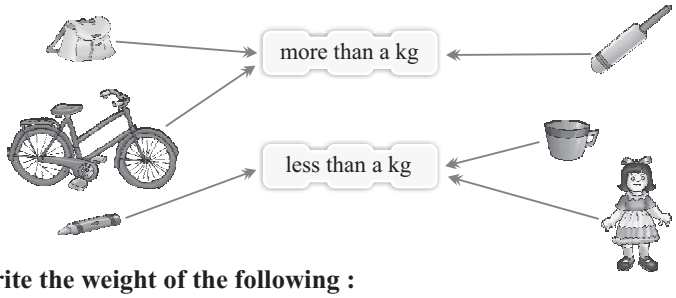
Exercise 8.2

1. Tick (✓) the correct unit. Which standard unit will you use to measure the weight of :

Ans.

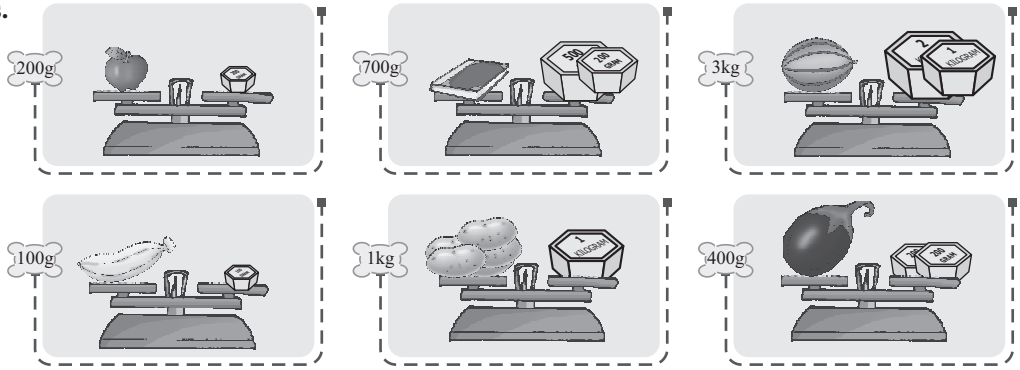
2. How much would they weigh? Join them with the correct box :

Ans.



3. Write the weight of the following :

Ans.



Exercise 8.3

Write whether the capacities of the following things are measured in ml or l.

Ans.
1. Honey in a small bottle ***ml***
2. Water in a glass ***ml***
3. Water in a tank ***l***
4. Soup in a bowl ***ml***
5. Water in a swimming pool ***l***
6. Medicine in a tablespoon ***ml***

MCQ's

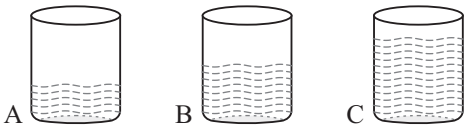
Tick (✓) the correct choice :

Ans. 1. b. metre scale 2. a. litre 3. c. 100

HOTS Questions

Read the following statements and draw the water level on containers A, B and C.

Ans.

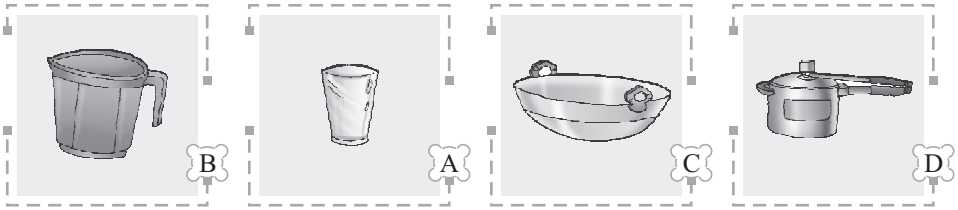


Worksheet

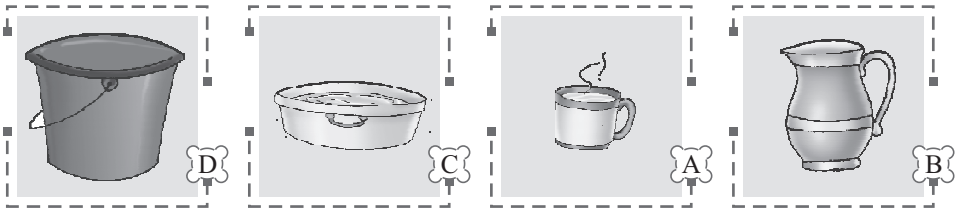
1. Name the objects A, B, C and D (from lowest to highest) according to their capacities :

Ans.

(a)



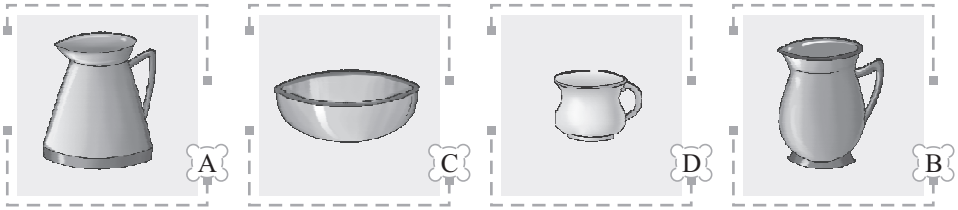
(b)



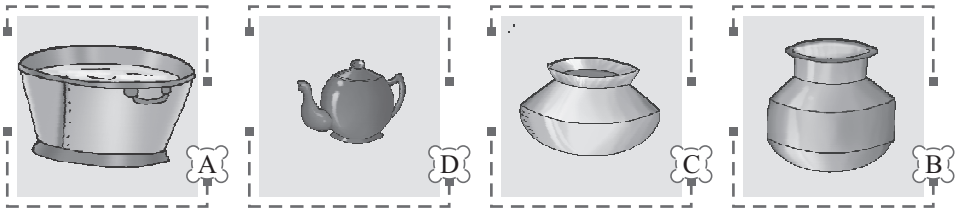
2. Name the objects A, B, C and D (from highest to lowest) according to their capacities :

Ans.

(a)



(b)



9 Time

Warm Up

1. Jatin is making his timetable for the holidays. Match the activity with the time :

Ans.

MORNING and AFTERNOON		EVENING	
Get up	8:00	Go out to play	8:00
Have my bath	1:00	Watch television	9:30
Have my breakfast	7:30	Have dinner	5:00
Have lunch	8:30	Go to bed	7:00

2. Write the time :

Ans.

2 o'clock

9 o'clock

4 o'clock

6 o'clock

3. Draw the hands :

Ans.

8 o'clock

3 o'clock

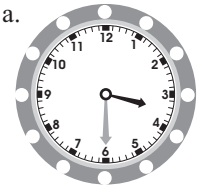
2 o'clock

7 o'clock

Exercise 9.1

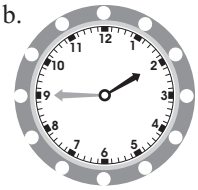
1. Write the time shown by the clock as holy past, quarter to or quarter past :

Ans. a.



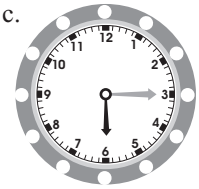
Half past 3

b.



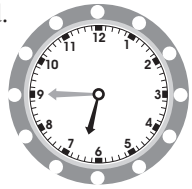
Quarter to 2

c.



Quarter past 6

d.



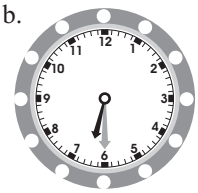
Quarter to 7

2. Draw the hand to show the time :

a.

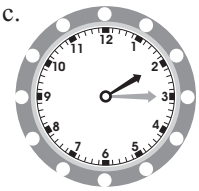
Quarter to 2

b.



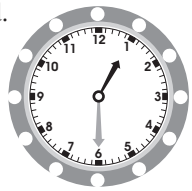
Half past 6

c.



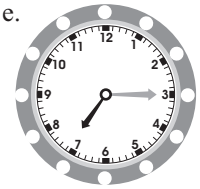
Quarter past 2

d.



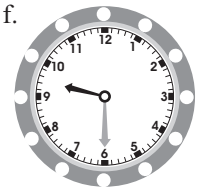
Half past 1

e.



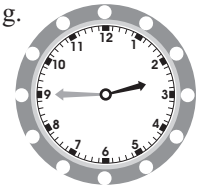
Quarter past 7

f.



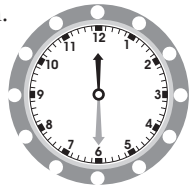
Half past 9

g.



Quarter to 3

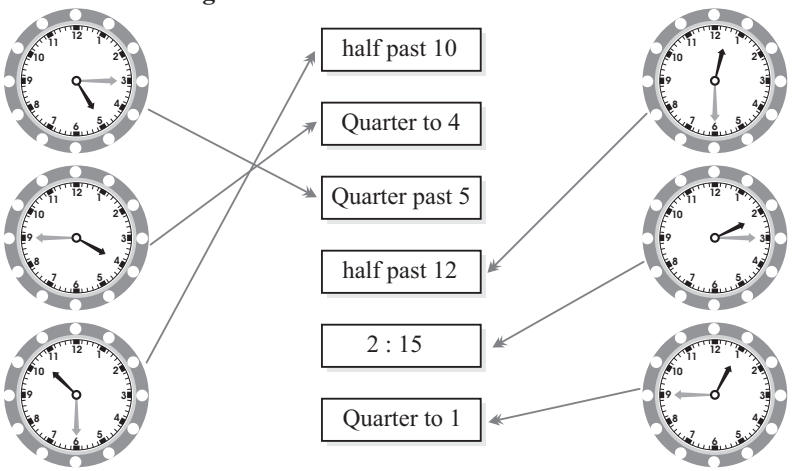
h.



Half past 12

3. Match the following :

Ans.



Exercise 9.2

1. Fill in the blanks :

Ans.
a. The first day of the week is **Monday**.
b. After Friday comes **Saturday**.
c. The seventh day of the week is **Sunday**.
d. **Thursday** is the fourth day of the week.
e. If today is Monday, then tomorrow will be **Tuesday**.

2. Answer the following questions :

a.	On which day is school closed?	**Sunday**
b.	On which day is your library period?	**Do yourself**
c.	On which day is your birthday this year?	**Do yourself**
d.	On which day is your father's birthday this year?	**Do yourself**

Exercise 9.3

1. Fill in the blanks :

Ans.
a. The first month of the year is **January**.
b. The eighth month of the year is **August**.
c. The **second** month of the year is February.
d. The **Third** month of the year is March.
e. The month after May is **June**.

2. Fill in the blanks with number of days in the following months :

Ans.

January	**31**	July	**31**
February	**28/29**	August	**31**
March	**31**	September	**30**
April	**30**	October	**31**
May	**31**	November	**30**
June	**30**	December	**31**

3. Match the following:

Ans.

Republic Day	15 August
Children's Day	25 December
Independence Day	2 October
Teacher's Day	14 November
Gandhi Jaynti	26 January
Christmas Day	5 September

4. Name any four months which have 30 days :

Ans. April June September November

MCQ's

Tick (✓) the correct choice :

Ans. 1. b. 6 : 30 2. a. 12 3. a. Monday 4. a. April

HOTS Questions

How many day are there altogether in the months of March and April?

Ans.

March	30
April	+ 31
	61

Worksheet

Solve this cross and puzzle based on the months of year.

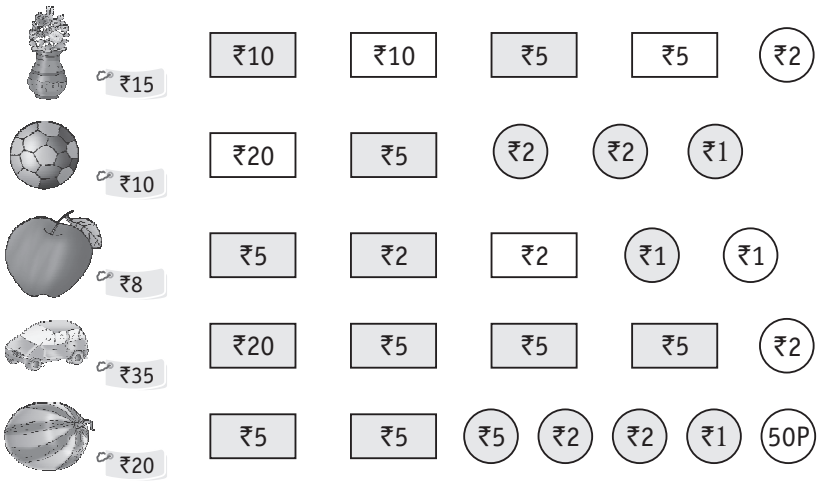
Ans.

10 Money

Warm Up

Colour the notes and coins needed to buy :

Ans.



Exercise 10.1

1. Work in groups and find :

Ans. A rupee has 100 paise.

How many coins to make ₹1 ? 2

How many notes can you get for ₹10? 5

How many notes can you get for ₹100? 50

How many notes can you get for ₹50? 10

2. Use the given coins to make the following :

Ans. ₹4 Use coins only.

② ② ② ① ① ① ① ① ①

₹10 Use coins only.

⑤ ⑤ ⑥ ② ② ⑤ ① ① ① ① ①

₹2 Use coins only.

① ① ① ⑤⓪ ⑤⓪ ⑤⓪ ⑤⓪ ⑤⓪ ⑤⓪

Exercise 10.2

1. Write in short with the dot :

Ans.

a. 5 rupees and 25 paise = ₹5.25

b. 15 rupees and 50 paise = ₹15.50

c. 10 rupees and 75 paise = ₹10.75

d. 25 rupees and 65 paise = ₹25.65

e. 100 rupees and 15 paise = ₹100.15

f. 50 rupees and 5 paise = ₹50.05

2. What does it mean?

Ans.

a. ₹2.75 = **2 rupees and 75 paise**

b. ₹5.50 = **5 rupees and 50 paise**

c. ₹35.70 = **35 rupees and 70 paise**

d. ₹55.15 = **55 rupees and 15 paise**

e. ₹28.08 = **28 rupees and 8 paise**

f. ₹77.75 = **77 rupees and 75 paise**

3. Add the money and write it both in words and numbers :

Ans.

a. ₹ 600.50

In words : **500 rupees and 50 paise.**

b. ₹ 5.75

In words : **5 rupees and 75 paise.**

c.

₹ 30.50

In words : **30 rupee and 50 paise.**

d.

₹ 110.50

In words : **110 rupee and 50 paise.**

e.

₹ 15.75

In words : **15 rupee and 75 paise.**

HOTS Questions

Sunny went to the market and purchased the following items from a shop. He gave ₹ 100 to the shopkeeper. What amount will he get back?

Ans. Amount spend = ₹ (5 + 36 + 1 + 19 + 30) = 91

He gave ₹ 100 to the shopkeeper.

He get back ₹ (100-91) = ₹ 9

Exercise 10.3

1. Add :

Ans. a.

	₹	P
	42	50
+	10	20
	52	70

b.

	₹	P
	36	00
+	33	75
	99	75

c.

	₹	P
	40	50
+	16	35
	56	85

2. Subtract :

a.

	₹	P
	76	00
–	55	00
	21	00

b.

	₹	P
	83	50
–	42	25
	41	25

c.

	₹	P
	96	25
–	41	00
	55	25

3. Solve the following :

b. Jiya bought a doll that costs ₹ 22. She paid ₹ 25. How much money did she get back?

	₹	P
	25	00
–	22	00
	3	00

Ans. She got back ₹ **3.00**.

	₹	P
	2	0
+	4	5
	6	5

c. Shivi's mother gave her ₹ 20 and her father gave her ₹ 45 for school picnic. How much money Shivi has now?

Ans. shivi has ₹ **65**.

	₹	P
	1	0
+	1	0
	2	9

d. Hardeep bought a bread for ₹ 10 and butter for ₹ 19. How much money did he spend in all?

Ans. He spent ₹ **29**.

MCQ's

Tick (✓) the correct choice :

Ans. 1. c. ₹ 20 2. c. 40.25 3. a. ₹ 30

4. b. ₹ 15.25 5. a. ₹ 3

Worksheet

Read the price of the articles from the attached tags and answer the questions that follow :

Ans.

The total cost of a pen and a milk bottle	**₹ (10 + 24.50)**	=	**₹ 34.50**
The total cost of a kite and a balloon	**₹ (1 + 10)**	=	**₹ 11.00**
The total cost of a pen and an ice-cream	**₹ (10 + 25)**	=	**₹ 35.00**
The total cost of a pen and a balloon	**₹ (10 + 10)**	=	**₹ 20.00**
The total cost of hat, balloon and milk bottle	**₹ (34 + 10 + 24.50)**	=	**₹ 48.50**

11 Data Handling

Warm Up

1. Look at the picture. Write how many are there :

Ans.

3	**7**	**4**	**1**	**2**

2. These were some of the things that Mona's family ate during the week.

Ans. On how many days were vegetables cooked? **4**

On how many days was rice not cooked? **5**

Exercise 11

1. Look at these fresh vegetables. Count and fill in the information in the following table.

Ans.

Vegetables					
Numbers	1	2	4	2	3

What is the total number of vegetables in the basket? **12**

2. How do the children in Vinny's class come to school?

Ans. How many children come by bicycle? **12**

How many more children come by bus than by car? **14**

Least number of children come by **rickshaw**.
Most number of children come by **Bus**.

3. The table shows the number of boys and girls in Riya's class who have their birthdays in each month of the year. Write the missing numbers.
Look at the birthday chart and answer the questions.

Ans.

Months	Girls	Boys	In all
January	4	3	7
February	1	2	**3**
March	3	0	**3**
April	**3**	2	5
May	**1**	1	2
June	3	3	**6**
July	0	**1**	1
August	1	1	**2**
September	**3**	2	5
October	2	0	**2**
November	4	**3**	7
December	4	**5**	9

a. Which month has the most number of birthdays? **January**
b. Which month has the least number of birthdays? **July**
c. How many girls celebrate their birthdays in June? **3**
d. How many boys celebrate their birthdays in January? **3**
e. How many students are there in the class? **7 + 3 + 3 + 5 + 2 + 6 + 1 + 2 + 5 + 2 + 7 + 9 = 52**

Worksheet

It is summer holidays! Soha and Ali are visiting the beach. Look at the picture and answer the following questions.

Ans.
1. How many boys are there on the beach? **5**
2. How many girls are there on the beach? **2**
3. How many children are wearing hats? **2**
4. How many red buckets are there? **1**
5. How many ships are there? **1**
6. Which are more?
   girls ◯ boys ✓