Word Problems

1.

The cost of a toy car is ₹ 72. What will be the cost of 9 such cars ?

Ans. The cost of 9 toy cars will be ₹ .....648......... .

H	T	O
	7	2
×		9
6	4	8

2.

Ishaan bought 5 packets of marbles. If each packet has 45 marbles, how many marbles does he have in total?

Ans. Total number of marbles is ......225.........

H	T	O
	4	5
×		5
2	2	5

3.

A book shelf can hold 25 books. Find the total number of books in 9 such shelves.

Ans. Total number of books is .....225.......... .

H	T	O
	2	5
×		9
2	2	5

4.

Class II A has 38 students in all. The teacher gives 4 pencils to each student in the class. What is the total number of pencils distributed by the teacher?

Ans. The teacher distributes ...152......... pencils.

H	T	O
	3	8
×		4
1	5	2

Multiplication by 10 and 100

Examples:

1. 35×10

Solution:

H	T	O
	3	5
×	1	0
3	5	0

> Move the digits one place to the left and write 0 in the ones place.

2. 6×100

Solution:

H	T	O
		6
× 1	0	0
6	0	0

> Move the digits 2 places to the left and write 0 in the ones and tens place.

Try these yourself:

1. $46 \times 10 \quad = \boxed{460}$ 2. $23 \times 10 \quad = \boxed{230}$

3. $85 \times 10 \quad = \boxed{850}$ 4. $57 \times 10 \quad = \boxed{570}$

5. $9 \times 100 \quad = \boxed{900}$ 6. $8 \times 100 \quad = \boxed{800}$

7. $7 \times 100 \quad = \boxed{700}$ 8. $2 \times 100 \quad = \boxed{200}$

1. Multiply:

a

H	T	O
1	1	3
×		2
2	2	6

b

H	T	O
2	3	2
×		3
6	9	6

c

H	T	O
1	1	1
×		6
6	6	6

d

H	T	O
3	0	1
×		3
9	0	3

e

H	T	O
4	3	2
×		2
8	6	4

f

H	T	O
	①	
2	3	2
×		4
9	2	8

2. A boat can carry 132 people. How many people can be carried in 2 boats?

H	T	O
1	3	2
×		2
2	6	4

3. I have 3 notebooks. Each notebook has 333 pages. How many pages are there in total?

H	T	O
3	3	3
×		3
9	9	9

Mental Maths Corner

1. Tick (✓) the correct answer

   (a) 5 × ⬜ | = 5

      (i) 1   ☑   (ii) 0 ☐   (iii) 5 ☐
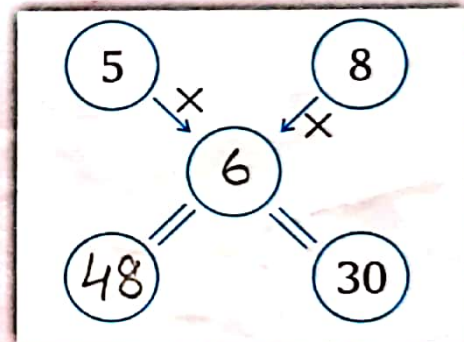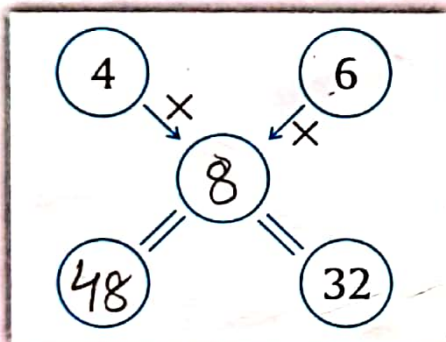
   (b) What is '5 times 7'?

      (i) 0 ☐   (ii) 35 ☑   (iii) 7 ☐

2. Fill the missing numbers:

   Diagram 1: 4 × 8 = 48 ; 6 × 8 = 32 (centre: 8)

   Diagram 2: 5 × 6 = 48 ; 8 × 6 = 30 (centre: 6)

Review Exercise

1. Multiply:

a

```
  T   O
 (1)
  2   4
×     3
  7   2
```

b

```
  H   T   O
 (O) (1)
      5   8
×         2
  1   1   6
```
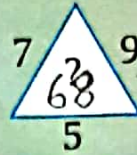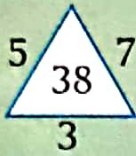
c

```
  H   T   O
 (1) (1)
  2   5   4
×         3
  7   6   2
```

2. There are 12 crayons in a packet of crayons. How many crayons are there in 5 such packets?

3. Aastha bought 35 packets of pencils. If each packet had 6 pencils, how many pencils did she buy?

4. The maths book has 112 pages. How many pages will be there in 7 such books?

5 △ 7 / 38 / 3

7 △ 9 / 68 / 5

9 △ 11 / 106 / 7
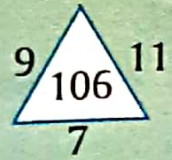
Maths Lab Activity

Learning tables of more than 10

The students are already aware of the table of 10.

Now, they can be asked to build tables of numbers more than 10.

Example : We know,

$10 \times 1 = 10 \longrightarrow 11 \times 1 = 10 + 1 = 11$

$10 \times 2 = 20 \longrightarrow 11 \times 2 = 20 + 2 = 22$

$10 \times 3 = 30 \longrightarrow 11 \times 3 = 30 + 3 = 33$

$10 \times 4 = 40 \longrightarrow 11 \times 4 = 40 + 4 = \boxed{44}$

$10 \times 5 = 50 \longrightarrow 11 \times 5 = 50 + 5 = \boxed{55}$

$10 \times 6 = 60 \longrightarrow 11 \times 6 = 60 + 6 = \boxed{66}$

$10 \times 7 = 70 \longrightarrow 11 \times 7 = 70 + \boxed{7} = \boxed{77}$

$10 \times 8 = 80 \longrightarrow 11 \times 8 = 80 + \boxed{8} = \boxed{88}$

$10 \times 9 = 90 \longrightarrow 11 \times 9 = \boxed{90} + \boxed{9} = \boxed{99}$

$10 \times 10 = 100 \longrightarrow 11 \times 10 = \boxed{100} + \boxed{10} = \boxed{110}$

MATHEMATICS In Everyday Life–

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