



MULTIPLES and FACTORS

WARM UP

A. Rancee wants to count the number of legs of the cows in a dairy farm near her village. But she is not able to see the legs, help her by counting the number of the faces of cows. Fill in the table.



Number of cows	1	2	3	4	5	6	7	8	9	10
Number of legs	4	8	12	16	20	24	28	32	36	40



If there were 11 cows what is the total number of legs? 44

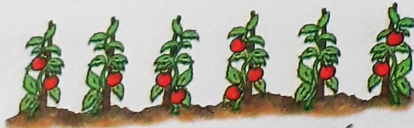
4, 8, 12 and so on are multiples of 4.



B. Razia is planting vegetables in her garden. She has planted 12 plants of different types. Look at the garden and fill in the blanks.



1. $12 = 1 \times 12$; there is 1 row of 12 cauliflower plants.



2. $12 = 2 \times 6$; there are 2 rows of 6 tomato plants each.

1, 12, 4, 3, 2 and 6 are factors of 12.



3. $12 = 3 \times 4$; there are 3 rows of 4 brinjal plants each.

MULTIPLES

Mr Froggy jumps 3 steps at a time starting from 1 and Mr Rabby jumps 4 steps at a time starting from 1.

Colour green the numbers I step on.

Colour red the numbers I step on.

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

You will find that

Mr Froggy jumps on the numbers 3, 6, 9, 12, 15, 18, 21, 24, 27 and 30.

These numbers are called the **multiples** of 3.

Write the numbers Mr Rabby steps on.
4, 8, 12, 16, 20, 24, 28

These numbers are called the **multiples** of 4.

There is no end to the multiples of a number.



ENRICHMENT ACTIVITY

CHECKPOINT!

1. Tick (✓) the multiples of 2.

- 2 9 10 18 25

2. Tick (✓) the multiples of 5.

- 5 14 20 32 35

3. Write the first six multiples of 6.

- 6, 12, 18, 24, 30, 36

(Hint: Multiply 6 by 1, 2, 3, 4, 5 and 6.)

