



CLASS NOTES-ANSWERS

EXERCISE 3.1

1. Write all the factors of the following numbers:

- (a) 24 (b) 15 (c) 21 (d) 27 (e) 12
(f) 20 (g) 18 (h) 23 (i) 36

Answer:

(a) $24 = 1, 2, 3, 4, 6, 8, 12$ and 24

(b) $15 = 1, 3, 5$ and 15

(c) $21 = 1, 3, 7$ and 21

(d) $27 = 1, 3, 9,$ and 27

(e) $12 = 1, 2, 3, 4, 6$ and 12

(f) $20 = 1, 2, 4, 5, 10$ and 20

(g) $18 = 1, 2, 3, 6, 9$ and 18

(h) $23 = 1$ and 23

(i) $36 = 1, 2, 3, 4, 6, 9, 12, 18,$ and 36

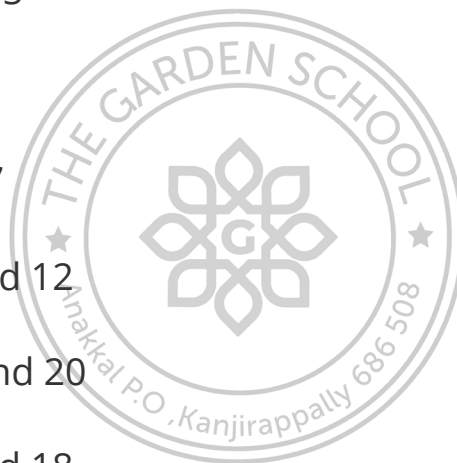
2. Write first five multiples of:

- (a) 5 (b) 8 (c) 9

Answer:

(a) $5 = 5, 10, 15, 20,$ and 25

(b) $8 = 8, 16, 24, 32,$ and 40





(c) 9 = 9, 18, 27, 36, and 45

3. Match the items in column 1 with the items in column 2.

Column 1	Column 1
(i) 35	(a) Multiple of 8
(ii) 15	(b) Multiple of 7
(iii) 16	(c) Multiple of 70
(iv) 20	(d) Factor of 30
(v) 25	(e) Factor of 50
	(f) Factor of 20

Answer:

Column 1	Column 1
(i) 35	(b) Multiple of 7
(ii) 15	(d) Factor of 30
(iii) 16	(a) Multiple of 8
(iv) 20	(f) Factor of 20
(v) 25	(e) Factor of 50

4. Find all the multiples of 9 up to 100.

Answer: 9, 18, 27, 36, 45, 54, 63, 72, 81, 90 and 99.