CLASS : 5

SUBJECT : MATHEMATICS

TOPIC : MULTIPLES AND FACTORS

ANSWERS

I. Write the missing factor :

a) 11
b) 7
c) 10
d) 7

II. Fill in the blanks:

a) 3 x 12 = **36**. **36** is a multiple of **3** and **12**.
b) 7 x 8 = **56**. **56** is a multiple of **7** and **8**.

III. Find the first six multiples of 8.

8 x 1 = 8
8 x 2 = 16
8 x 3 = 24
8 x 4 = 32
8 x 5 = 40
8 x 6 = 48

Ans. The first six multiples of 8 are 8, 16, 24, 32, 40 and 48.

IV. Find out whether the following numbers are divisible by 2, 3, 5, 9 or 10.

a) 66 – Divisible by 2 and 3.
b) 1000 – Divisible by 2, 5 and 10.
c) 603 – Divisible by 3 and 9.
d) 252 – Divisible by 2, 3 and 9.
e) 525 – Divisible by 3 and 5.

V. Express the following even composite numbers as the sum of two prime numbers.

a) 12 = **5** + **7**
b) 36 = **5** + **31**
c) 28 = **11** + **17**
d) 10 = **5** + **5**

VI. Complete the following exercises from the chapter:

WARM UP EXERCISE A: PAGE NO. 41

A. Fill in the blanks:

1. 7 x 2 = **14**. **14** is the multiple of **7** and **2**.
2. 3 x 4 = **12**. **12** is the multiple of **3** and **4**.
3. 8 x 5 = **40**. **40** is the multiple of **8** and **5**.
4. 9 x 6 = **54**. **54** is the multiple of **9** and **6**.

CHECKPOINT: PAGE NO. 48

Find the prime factors using the prime factorisation method:

1. 42 = 2 x 3 x 7
2. 24 = 2 x 2 x 2 x 3
3. 36 = 2 x 2 x 3 x 3
4. 50 = 2 x 5 x 5
5. 63 = 3 x 3 x 7
6. 62 = 2 x 31
7. 81 = 3 x 3 x 3 x 3
8. 66 = 2 x 3 x 11
9. 65 = 5 x 13
10. 56 = 2 x 2 x 2 x 7
