

Chapter - 8

~~Practice~~

Factor and multiples

work sheet

a 1, 3, 5 and 15 are called 135 of 15

b all even number are ~~div~~ divisible
by 2.

c Zero is a ~~not a~~ number which is
neither prime nor composite

d 18 is a divisible of 3 and 6

e numbers that have only two factors
1 and the number itself are called Prime
number.

f

B match the following
column - A

column - B

- | | | |
|--------------------------|--------|----------|
| 1 Factor of 35 | → i) | 1 |
| 2 multiple of 5 | → ii) | infinite |
| 3 Factor of every number | → iii) | 50 |
| 4 smallest Prime number | → iv) | 7 |
| 5 Factor of a number | → v) | 2 |

C do as directed.

Q Find the H.C.F of 16, 24 and 85

Ans

$$\begin{array}{r}
 24 \overline{) 85} \\
 \underline{24} \\
 61 \\
 6 \overline{) 24} \\
 \underline{6} \\
 18 \\
 1 \overline{) 61} \\
 \underline{6} \\
 0
 \end{array}$$

b. Find the LCM of 16, 28 and 32

Ans

$$\text{factor of } 16 = 4 \times 4$$

$$\text{factor of } 28 = 4 \times 7$$

$$\text{factor of } 32 = 4 \times 8$$

$$4 \times 4 \times 4 \times 7 \times 8 = 3,584$$