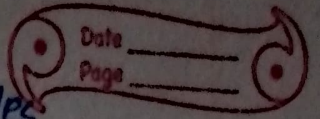


Math worksheet

Dt - 12/10/2021

Ch - 10



Factors and multiples

A. Fill in the blanks

1. 1

2. 2

3. Number itself

4. 7

5. 2

B. Choose the correct answer.

6. b) 1

7. b) 1

8. b) Composite

9. a) 2

10. Common multiple

C. Answer the following questions.

11) Multiples of 18 - 18, 36, 54, 72, 90

2	40	2	50	2	60
2	20	5	25	2	30
2	10	5	5	5	15
5	5	1		3	3
	1				1

$$40 = 2 \times 2 \times 2 \times 5 \times 1$$

$$50 = 2 \times 5 \times 5 \times 1$$

$$60 = 2 \times 2 \times 5 \times 3 \times 1$$

HCF = $2 \times 5 = 10$

13) Multiples of 36 :- 36, 72, 108, 144, 180,

216, 252, 288, 324, 360, 396, 432, 468

Multiples of 52 :- 52, 104, 156, 208,

260, 312, 364, 416, 468, 520

∴ Here, 468 is the first common multiples of 36 and 52

14)

3	15, 90
5	5, 30
6	1, 6
	1, 1

$$LCM = 3 \times 5 \times 6$$

15)

2	144, 180, 192
2	72, 96, 96
2	36, 45, 48
2	18, 45, 24
2	9, 45, 12
2	9, 45, 6
3	9, 45, 3
3	3, 15, 1
5	1, 5, 1
	1, 1, 1