Deepika Tunga, IV(A)

[FACTORS AND MULTIPLES] MATHEMATICS | CLASS - IV

Chapter- 10

Factors and multiples

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	EET L IN THE BLANKS.
1.	is a factor of everyone.
2.	is the first even prime number.
3.	The smallest multiple of a number is the number itself.
4.	is a multiple of every number.
5.	Prime numbers are having numbers of factors.
	OOSE THE CORRECT ANSWER.
6.	Every number is a multiple of
7.	Composite numbers are the numbers having more than two factors i.e other than and the number itself.
	a. 0 1 c. 33 d. None
8.	Every composite number can be expressed as a product of all its prime factors.
	a. Prime by Composite c. HCF d. None
	Composite numbers are having more than factors.

[FACTORS	AND	MULTIP	LES
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MATHEMATICS | CLASS - IV

a. LCM b. HCF Common multiple d. None C. ANSWER THE FOLLOWING QUESTIONS. 11. Write the first five multiples of 18. The Lived man Live multiples of 18 are: 18, 36, 54, 72, 90
11. Write the first five multiples of 18.
11. Write the first five multiples of 18. The Liest me Live multiples of 18 agg 18. 36. 54 72.
12. Find the HCF of 40, 50 and 60 by prime factorization method.
2 40 5 50 2 60
2 20 2 10 3 30
2 10 5 2 10
5 5 5
40 = 0 x 2 x 2 x 5
$50 = 2 \times 5 \times 5 $ $4CF = 2 \times 5 = 10$
6 () = \2)x 2 x 3 X 5) 13. Find the LCM of 36 and 52 by listing method.
13, Find the LCM of 36 and 52 by listing metriot.
Multiples of 36 = 36, 72, 108, 144, 180, 216, 252, 288, 324
nultiples 04 52 = 52, 104, 156, 208, 260, 312, 360, 396, 432, 46
364, 364, 468,
209, 968),
Here 468 is the filest common multiples of 36 and 52.
So, the LCM of 36 and 52 is 468 14. Find the LCM of 15 and 90 by common division method.
14. Find the LCM of 15 and 90 by common division method.

5 5 30 3 1 6 2 1 2

Se, LLMOY 15 and 90 = 3 x 5 x 3 x 2 = 90

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PACTORS AND MOUTHURS MINIMENDATION CLASS

13. Find the HCF of 144, 180 and 192 by common division matrival

2 144 , 180, 192 2 72, 90, 96

Se, The HER of 144, 160 and 192 = 2121

