



INDIAN SCHOOL NIZWA - WORKSHEET

MATHEMATICS

Ch.4 & 5 - FACTORS AND MULTIPLES

NAME:.....DATE:.....

CLASS / SEC:.....

I Answer the following questions.

1 What are prime numbers?

2 What are composite numbers?

3 Which is the least prime number? Is it even or odd?

4 How many prime numbers are there between 1 and 100?

5 What is the divisibility rule of 4?

6 H.C.F of two prime numbers is _____ and L.C.M of those two prime numbers is _____

7 When a number is divisible by ____ and _____, then it is divisible by 6.

8 Product of two numbers is equal to product of their _____ and _____.

9 Which of the numbers are divisible by 4
23408 ; 100246; 19342; 43938

10 Circle the numbers which are divisible by 3,6, and 9 (all the numbers)
31428; 12460; 451836



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- 11 Find the H.C.F and L.C.M of the given numbers by prime factorization method
a) 28, 84
b) 27, 54, 90
- II HOT Questions
- 12 The smallest composite number is _____
- 13 If two numbers are same, then which of the following relation will be true?
a) $HCF > LCM$ b) $HCF < LCM$ c) $HCF = LCM$ d) NONE OF THESE
- 14 For a pair of numbers, the HCF is 12 and the LCM is 144. If one of the numbers is 36, find the other.
- 15 If the product of two numbers is 756 and their HCF is 6, what is their LCM?
- 16 Find the HCF of 102, 68 and 136 using the short division method.
- 17 Find the LCM of 120, 150 and 135 by short division method.
- 18 Three bells toll at intervals of 12, 15 and 18 seconds respectively. After how many seconds will the three bells toll together?



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