



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution

WORK SHEET - 29

CLASS -VI



SUBJECT - ARITHMETIC

CHAPTER 7 - PLAYING WITH NUMBERS

F.M - 15

DATE -12.06.20

TOPIC - PRIME FACTORISATION

Multiple choice questions : (Select the correct option) (15)

1. Factorisation is a way of expressing a number as a _____ of its factors.
a) difference b) sum c) product d) none of these.
2. In division method we divide successively the ____ numbers in ascending order.
a) fractional b) prime c) composite d) none of these.
3. $72 = 2 \times 2 \times 2 \times 3 \times \underline{\hspace{1cm}}$
a) 0 b) 2 c) 5 d) 3
4. $9999 = 3 \times 3 \times 11 \times \underline{\hspace{1cm}}$
a) 100 b) 101 c) 9 d) none of these.
5. The smallest number having four different prime factors is
a) 42 b) 210 c) 105 d) 30
6. Which of the following has the least number of divisors ?
a) 200 b) 100 c) 91 d) none of these.
7. $133 = \underline{\hspace{1cm}} \times 19$
a) 7 b) 2 c) 3 d) none of these.
8. $140 = 2 \times 2 \times 5 \times \underline{\hspace{1cm}}$
a) 10 b) 4 c) 7 d) none of these.
9. $75 = 3 \times \underline{\hspace{1cm}} \times 5$
a) 2 b) 5 c) 4 d) none of these.
10. $21 = \underline{\hspace{1cm}} \times 7$
a) 11 b) 3 c) 9 d) none of these .
11. $156 = 2 \times 2 \times 3 \times \underline{\hspace{1cm}}$

a) 11 b) 5 c) 13 d) none of these .

12. $180 = 2 \times 2 \times 3 \times \underline{\hspace{1cm}} \times 5$

a) 5 b) 3 c) 8 d) 1

13. $495 = 3 \times 3 \times 5 \times \underline{\hspace{1cm}}$

a) 11 b) 2 c) 6 d) none of these.

14. $91 = 7 \times \underline{\hspace{1cm}}$

a) 7 b) 13 c) 26 d) none of these.

15. $164 = 2 \times 2 \times \underline{\hspace{1cm}}$

a) 41 b) 2 c) 16 d) none of these.

By – U James Riju.