



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

CLASS 8

SUBJECT :ArithmeticWork sheet5

Marks:15Squares andSquare roots

Date:21.11.2020

Answer all the following questions(1×15=15)

1. _____ is a perfect square

A)1575

B)1296

C)99

D)111

2.A square number never ends in _____

A) 1

B) 5

C) 4

D) 2

3.A perfect square is never _____

A) Negative

B) Positive

C) An integer

D) None of these

4.The number of zeroes at the end of a perfect square is always _____

A) odd

B) even

C) 1

D) None of these

5.The square of an even number is always _____

A) even

B)odd

C) negative

D) none of these

6.The square of an odd number is always _____

A)even

B)odd

C) negative

D) none of these

7.Find the least perfect square number which is also divisible by each of 12,15 and 30

A) 900

B) 800

C) 700

D) 60

8. $(0.9)^2 = ?$

A) 0.081

B) 0.18

C) 81

D) 0.81

9.Find the square root of 1936

A) 44

B) 33

C) 28

D) 54

10. Find the greatest number of 3 digits that is a perfect square

A) 31

B) 33

C) 32

D) 30

11. Find the least number of 4 digits that is a perfect square

A) 1025

B) 1014

C) 1024

D) none of these

12. Find the least number which must be subtracted from 1385 to make it a perfect square

A) 49

B) 6

C) 16

D) 5

13. Find the square root of 20164 by long division method

A) 212

B) 210

C) 142

D) 124

14. Find the square root of 1227.8016

A) 35.4

B) 35.04

C) 3.504

D) 350.4

15. Find the perimeter of square field whose area is 13689m^2

A) 468m

B) 648m

C) 46.8m

D) none of these

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