



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

**CLASS 8**

**SUBJECT :ArithmeticWork sheet5 answer key**

**Marks:15Square 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  $13689\text{m}^2$

**A) 468m**

B) 648m

C) 46.8m

D) none of these

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