## ST. LAWRENCE HIGH SCHOOL

**A JESUIT CHRISTIAN MINORITY INSTITUTION**

**CLASS 8**

SUBJECT :Arithmetic          **Work sheet 5 answer key**

Marks:15                  Square and Square roots

**Date:30.1.2021**

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

1. _____ is a perfect square

A)1575

**B)441**

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. $(0.7)^2 = ?$

A) 0.081

B) 0.18

C) 81

**D) 0.49**

9. Find the square root of 2916

**A) 54**

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 17424 by long division method

A) 212

B) 210

**C) 132**

D) 124

14. Find the square root of 2028.6016

A) 35.4

**B) 45.04**

C) 3.504

D) 350.4

15. Find the perimeter of square field whose area is 16129m²

**A)508m**

B)648m

C)46.8m

D)none of these

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