



ST. LAWRENCE HIGH SCHOOL
A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Arithmetic
Duration: 40 min

Class: 7
Worksheet Solution 37
SQUARE AND CUBE ROOTS

Date: 20.06.20
Full Marks: 15

Choose the Correct options:

1. What is a square?
 - (a) Something you multiply by the 3rd power
 - (b) A shape
 - (c) A number you obtain by multiplying a number by itself**
 - (d) A box

2. What is a square root
 - (a) A number to the second power
 - (b) A square that has roots on it
 - (c) Square roots are numbers that produce a specified quantity when multiplied by itself**
 - (d) Base of a box

3. Square root of 16 is....
 - (a) 8
 - (b) 4**
 - (c) 2
 - (d) 3

4. The square root of 256 is...
 - (a) 15
 - (b) 18
 - (c) 13
 - (d) 16**

5. $-\sqrt{144}$
 - (a) 12**
 - (b) 13
 - (c) -12**
 - (d) None of the above

6. the square root $\sqrt{-25}$ is..
 - (a) 5
 - (b) -5
 - (c) 8
 - (d) none of the above**

7. $b^2=361$, $b=...$
 - (a) 19**
 - (b) 20
 - (c) 16
 - (d) 17

8. The $\sqrt{40}$ is between which two integers?

- (a) 7 & 8
- (b) 6 & 7**
- (c) 5 & 6
- (d) 4 & 5

9. 13^2

- (a) 26
- (b) 196
- (c) 144
- (d) 169**

10. The $\sqrt{20}$ is between which two integers?

- (a) 2 & 3
- (b) 3 & 4
- (c) 4 & 5**
- (d) 5 & 6

11. $\sqrt{36}$

- (a) 4
- (b) 6**
- (c) 12
- (d) 18

12. $\sqrt[3]{8}$

- (a) 2**
- (b) -2
- (c) ± 2
- (d) None

13. Find the cube root(s): $\sqrt[3]{1}$

- (a) 1**
- (b) -1
- (c) ± 1
- (d) none

14. The area of a square painting is 81 cm^2 . What is the side length of the painting?

- (a) 40.5 cm
- (b) 162 cm
- (c) 6,561 cm
- (d) 9 cm**

15. Solve. $\sqrt{9} \times \sqrt{100}$

- (a) 30**
- (b) -200
- (c) 900
- (d) 90