



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



Sub: Arithmetic
Duration: 40 Min

Class: 7
Worksheet Solution 53

Date: 09.07.20
Full Marks: 15

SQUARES AND SQUARE ROOTS

Choose the correct options:

- What is the square root of 16?
 - 2
 - 4**
 - 8
 - 16
- 3 is the square root of 9 because...
 - $3 \cdot 2 = 9$
 - $3 + 3 = 9$
 - $3 \cdot 3 - 3 + 3 = 9$
 - $3 \cdot 3 = 9$**
- Which number is a perfect square?
 - 5
 - 10
 - 25**
 - 50
- What is the square root of 36?
 - 4
 - 6**
 - 9
 - 18
- You can find the square root of any number by...
 - dividing the number by 2.
 - adding the number to itself.
 - finding what number multiplied by itself equals the number under the square root.**
 - doubling it then subtracting the original number.
- $\sqrt{4} = ?$
 - 1
 - 2**
 - 4
 - 16
- $\sqrt{x} = 5$.
What value of x makes the statement true?
 - 10
 - 15
 - 25**
 - 50
- $9^2 = x$
What value of x makes the statement true?
 - 3
 - 18
 - 36
 - 81**
- $\sqrt{x} = 100$
 - 10**
 - 10000
 - 200
 - 500
- $x^2 = 64$
What value of x makes the statement true?

- a) 32
- b) 8**
- c) 7
- d) 2

11. In the following equation, x is the _____ of a square.

$$\sqrt{x} = 64$$

- a) side length
- b) area**
- c) diagonal
- d) none of these

12. In the following equation, x is the _____ of a square.

$$\sqrt{64} = x$$

- a) side length**
- b) area
- c) diagonal
- d) none of these

13. In the following equation, x is the _____ of a square.

$$\sqrt{52} = x$$

- a) side length**
- b) area
- c) volume
- d) none of these

14. In the following equation, x is the _____ of a square.

$$\sqrt{x} = 800$$

- a) side length
- b) area**
- c) diagonal
- d) none of these

15. In the following equation, x is the _____ of a square.

$$x^2 = 121$$

- a) side length**
- b) area
- c) diagonal
- d) none of these