



SQUARES & SQUARE ROOT

Worksheet 3



THERE ARE NO SHORTCUTS TO ANY PLACE WORTH GOING.



1. If $\sqrt{\left(56 + \sqrt{56 + \sqrt{56 + \dots}}\right)} = x$ then the value of x is

- A. 5 B. 4 C. 8 D. 2
-

2. A number is multiplied by half of itself and then 10 is added to the product. If the final result is 82, then find the original number.

- A. 14 B. 13 C. 11 D. 12
-

3. The area of a square field is $20\frac{464}{49}$ sq. m. The length of each side of the field is _____.

- A. 2.50 B. 5.42 C. 2.30 D. 1.92
-

4. The value of $\sqrt{3} \times \sqrt{3}$ is _____.

- A. 3 B. +3 C. ± 3 D. 0
-

5. Square root of $\frac{0.144}{2.5} \times \frac{25}{0.36} \times \frac{2.89}{0.04}$ is _____.

- A. 17 B. 11 C. 15 D. 14
-

6. Between which two consecutive whole numbers does $\sqrt{48}$ lie?

- A. 9 and 10 B. 6 and 7 C. 10 and 11 D. 8 and 9
-

7. Square root of $\frac{0.484}{6.4} \times \frac{0.196}{12.1} \times \frac{3.6}{4.9}$ is _____.

- A. 3 B. 1 C. 0 D. 2
-

8. The square root of $\frac{68}{9}$ correct to two decimal place is

- A. 2.33 B. 2.86 C. 2.88 D. 2.74
-

9. If $\sqrt{\left(\frac{99}{25} - 2\right)} = x + 1$, then x equals _____

- A. $\frac{2}{5}$ B. $\frac{3}{5}$ C. $\frac{4}{5}$ D. $\frac{1}{5}$
-

10. Simplify: $\sqrt{45} \times \sqrt{20}$

- A. 12 B. 10 C. 30 D. 15



TM

MeandMath

BELIEVE YOURSELF

BOOST YOUR MATH PERFORMANCE WITH MeandMath



Our Premium Batches are 1:1, 1:2, 1:3 and 1:6 & another batch is 1: many batches.



Clear Doubts, Master Concepts, Excel with Confidence.



Learn on Your Schedule with Our Class Recordings.



Stay Ahead, Stay Sharp: Conquer Daily Homework Hassle-Free



Level Up Weekly: Ace Assessments with Confidence and Ease

Join Our Live Classes

**Preparing for the
Math Olympiad?**

Book Now >

Register to MnM Olympiad

**Want to test your
International Math
Rank?**

Register Here >

Visit meandmath.com to learn more about us.



TM

MeandMath

BELIEVE YOURSELF

A Roadmap to Brilliance

Our curriculum paves the way.

○ **Core** ○ **Advanced** ○ **Scholar**

Visit meandmath.com for further details on Curriculum.

“There are many paths to success in Math. We help all students discover theirs.”

Are you stuck, not sure how to solve math problem?

Want to Super Charge your Math skills with our World Class practice content!

Join our Homework Help Group!

[Join Now](#) >

Subscribe today to get a resource to unlock the World of Wisdom!

[Subscribe Here](#) >

Visit meandmath.com to learn more about us.