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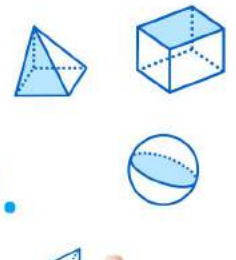

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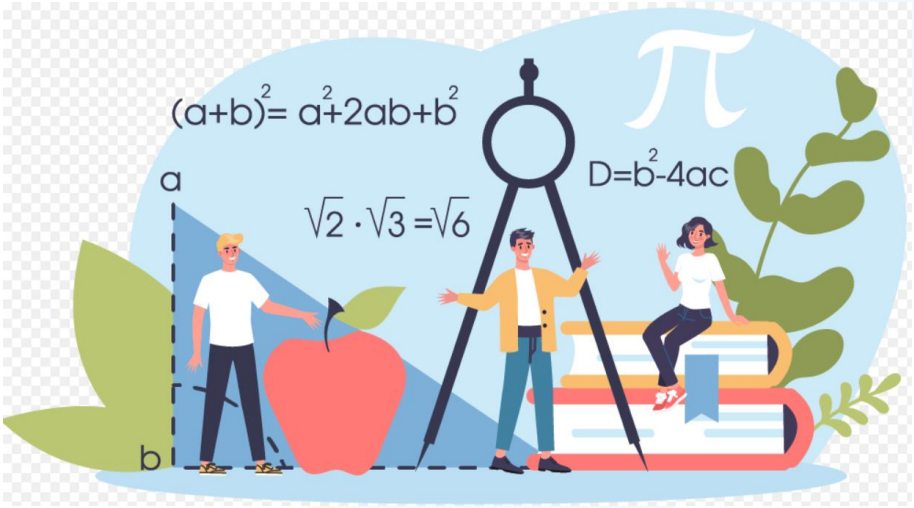
Square Root Worksheets 8th Grade

1. Find the square root of 1000.

2. Find the square root of 0.0009.

3. Solve $\sqrt{180} - \sqrt{80}$.

4. A square plot of land has an area of 256 square units. Find the length of the diagonal of the square land.



5. Find the square root of 480 x 200 + 640 x 100.

6. The area of a circle is 196π square units. Find the perimeter of the circle.

7. Find the smallest number by which 675 is to be multiplied to make it a perfect square.

8. Find a single value for $\sqrt{2} + \sqrt{4} + \sqrt{8} + \sqrt{16} + \sqrt{32}$.

9. Find the square root of $26^2 - 24^2$.
   (a) 10 (b) 12 (c) 14 (d) 16

10. $0.0032/A^2 = 2$. What is the value of 'A' ?
    (a) 4 (b) 0.04 (c) 0.8 (d) 8

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When you learn math in an interesting way, you never forget.

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Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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ANSWERS

1)	$10\sqrt{10}$
2)	0.03
3)	$2\sqrt{5}$
4)	$16\sqrt{2}$ units
5)	400
6)	28π units

7)	3
8)	15.898
9)	10
10)	0.04

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FUN FACT

1. Square roots can be geometrically represented in the form of square, where the square root value of the area gives the side of the square.
2. Square root can be found by factor method or long division method.
3. The square root of not perfect square numbers is an irrational number, and not a whole number.