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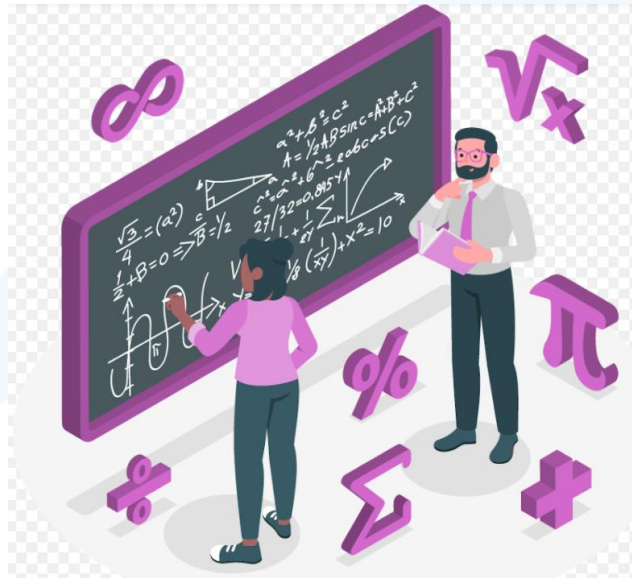
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## Square Roots Worksheets

1. The square root of  $\sqrt{x^{45}}$  is \_\_\_\_\_ .
2. Find the square root of  $32 \times 200 \times 28 \times 14 \times 18$ .
3. What is the square number nearest to 2000 is \_\_\_\_\_ .
4. The diagonals of a rhombus are 6 units and 8 units respectively. Find the length of each side of the rhombus.



5. The square root of 15625.  
(a) 115      (b) 125      (c) 135      (d) 145
6. What is the perfect square number which is divisible by 2, 3, 4 and 5?
7. Find the square root of 325 by long division method.
8. For which of the following numbers, can we not find the square root.  
(a) 400      (b) 40      (c) 4      (d) 0.04
9. Find the value of  $\sqrt{\{\sqrt{[\sqrt{(256)}]}\}}$ .
10. What is the perfect square number which is divisible by 4, 6 and 8?

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in an interesting way,  
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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)	$x^{2^2} \sqrt{x}$
2)	10080
3)	2025
4)	5 units
5)	(b) 125
6)	3600

7)	18.02
8)	(b) 40
9)	2
10)	576

## FUN FACT

1. The square root of non-perfect square numbers is an irrational number, and not a whole number.
2. The concept of square root is used in the Pythagoras theorem for right angled triangles.
3. The product of a number with itself gives the square of the number. And the square root of this result gives back the number.

