

Get better at Math.  
Get better at  
everything.



Come experience the Cuemath methodology and ensure your child stays ahead at math this summer.



**Adaptive  
Platform**



**Interactive Visual  
Simulations**



**Personalized  
Attention**

For Grades 1 - 10



LIVE online classes  
by trained and  
certified experts.

Get the Cuemath advantage

**Book a FREE trial class**

## Pythagorean Theorem Worksheets Grade 8

Find the measure of the length of side of the right-angle triangle if the length of two sides of the triangle is given.

- 1) 72 in, 97 in
- 2) 35 ft, 12 ft
- 3) 115 yd, 252 yd
- 4) 40 ft, 41 ft
- 5) 105 ft, 88 ft



- 6) If the lengths of the side of a right triangular field is 91 yards and 60 yards. Find the length of the longest side of the field.
- 7) Tom said that length of right-angle triangle are 5 units, 12 units and 13 units. His statement is:  
a) True b) False

8) Fill in the blanks:

According to the Pythagoras theorem, if the length of the base of a triangle is 'a', length of the perpendicular is 'b', and length of the hypotenuse of the triangle is 'c', then  $a^2 + \underline{\hspace{1cm}} = c^2$

9) In a right-angle triangle, if the length of the hypotenuse is 233, and length of the base is 208. Find the length of the height of the triangle.

10) In a right-angle triangle, if the length of the hypotenuse is 425, and length of the base is 304. Find the length of the height of the triangle.



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



**25 Million**

Math classes &  
counting

**100K+**

Students learning  
Math the right way

**20+ Countries**

Present across USA, UK,  
Singapore, India, UAE & more.

## 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

Get the Cuemath advantage

**Book a FREE trial class**

**ANSWERS**

1)	65
2)	37
3)	277
4)	9
5)	137
6)	109
7)	True
8)	$b^2$
9)	105
10)	297