

# Thank you for previewing the Pythagorean Theorem Mystery Puzzle!

If you encounter an issue, whether a typo or a mathematical error or something else, PLEASE contact me and I will be more than happy to help sort it out. I want you to enjoy this product to the fullest. You can email me here: [johanna@misskuipersclassroom.com](mailto:johanna@misskuipersclassroom.com)

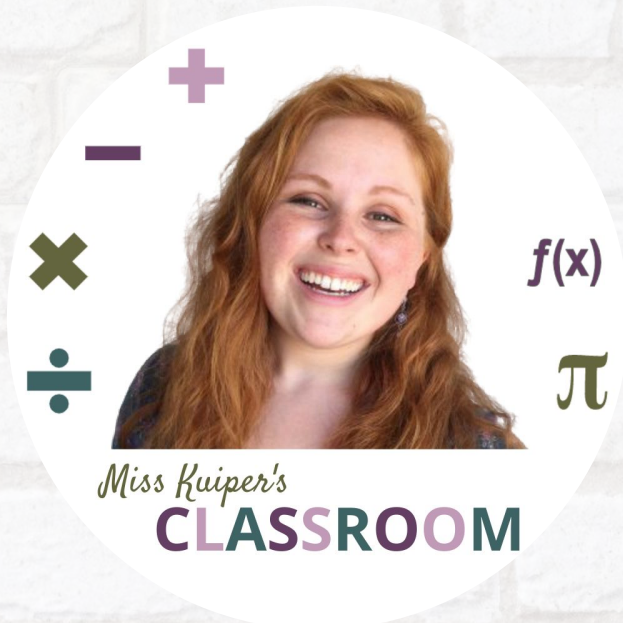


For more fun activities  
[visit my TpT here](#)

8th Grade Math Activities

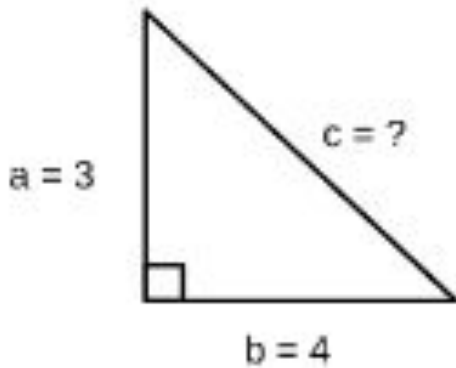
Algebra 1 Activities

Free Resources



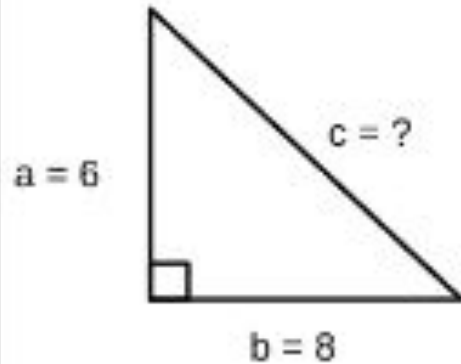
All questions will end in a whole number answer. No fractions or decimals!

1



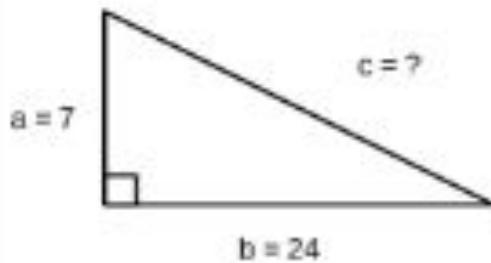
Type answer here.

2



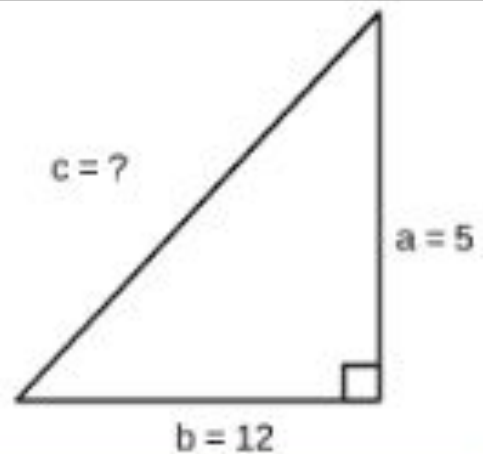
Type answer here.

4



Type answer here.

5



Type answer here.

This is a self-checking activity. The immediate feedback will help students self-regulate their understanding.

### Finding the Hypotenuse *Mystery Puzzle*

**Directions:** View at 50% if the puzzle goes off your screen. If you answer correctly, the box will turn **green** and part of the mystery puzzle will appear. If you answer incorrectly, the box will turn **red**.

1

$a = 3$   
 $b = 4$   
 $c = ?$

5

2

$a = 6$   
 $b = 8$   
 $c = ?$

14

3

$a = 12$   
 $b = 16$   
 $c = ?$

Type answer here.

4

$a = 7$   
 $b = 24$   
 $c = ?$

Type answer here.

5

$c = ?$   
 $a = 5$   
 $b = 12$

Type answer here.

6

$a = 8$   
 $b = 15$   
 $c = ?$

Type answer here.

7

$a = 20$   
 $b = 99$   
 $c = ?$

Type answer here.

8

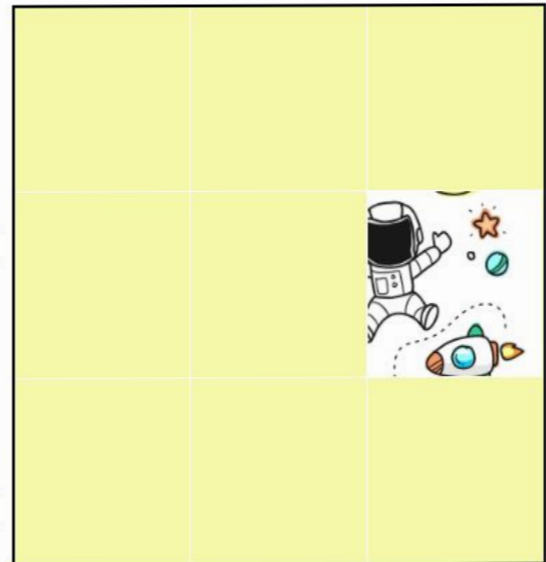
$a = 9$   
 $b = 12$   
 $c = ?$

Type answer here.

9

$a = 21$   
 $b = 20$   
 $c = ?$

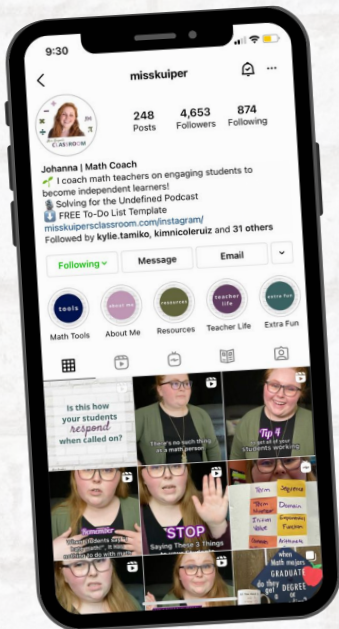
Type answer here.



Turns **green** for correct answers and **red** for incorrect ones!

# What's Next?

You can read about how to reach your low-level learners and build them up to grade-level!



Find me on Instagram!  
I share daily actionable  
tips for math teachers

Listen to my podcast:  
Solving for the  
Undefined