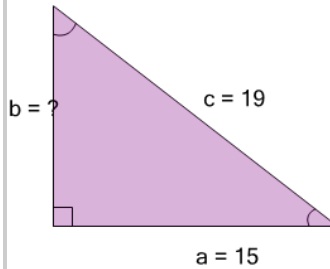




Math worksheet on 'Pythagorean Theorem - Identify Equation - Labelled (Level 1)'. Part of a broader unit on 'Pythagoras - Intro'

Learn online: [app.mobius.academy/math/units/pythagoras\\_intro/](http://app.mobius.academy/math/units/pythagoras_intro/)

1



What equation would you use to solve for the missing side b based on the Pythagorean theorem:  
 $a^2 + b^2 = c^2$

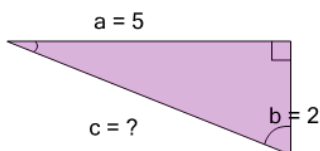
**a**

$$b^2 = 15^2 + 19^2$$

**b**

$$b^2 = 19^2 - 15^2$$

2



What equation would you use to solve for the missing side c based on the Pythagorean theorem:  
 $a^2 + b^2 = c^2$

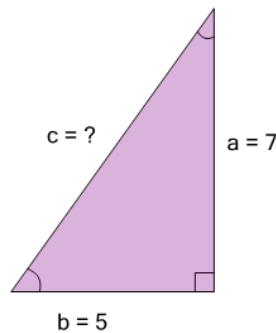
**a**

$$c^2 = 5^2 + 2^2$$

**b**

$$c^2 = 5^2 - 2^2$$

3



What equation would you use to solve for the missing side c based on the Pythagorean theorem:  
 $a^2 + b^2 = c^2$

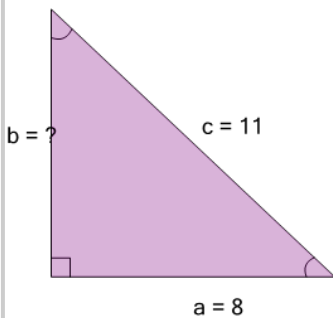
**a**

$$c^2 = 7^2 + 5^2$$

**b**

$$c^2 = 7^2 - 5^2$$

4



What equation would you use to solve for the missing side b based on the Pythagorean theorem:  
 $a^2 + b^2 = c^2$

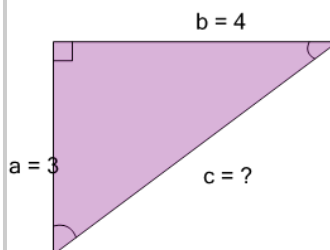
**a**

$$b^2 = 8^2 + 11^2$$

**b**

$$b^2 = 11^2 - 8^2$$

5



What equation would you use to solve for the missing side c based on the Pythagorean theorem:  
 $a^2 + b^2 = c^2$

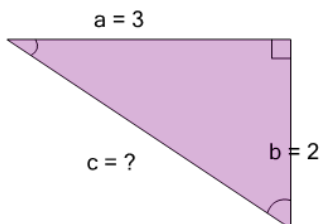
**a**

$$c^2 = 3^2 + 4^2$$

**b**

$$c^2 = 4^2 - 3^2$$

6



What equation would you use to solve for the missing side c based on the Pythagorean theorem:  
 $a^2 + b^2 = c^2$

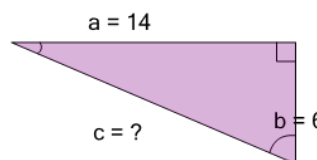
**a**

$$c^2 = 3^2 + 2^2$$

**b**

$$c^2 = 3^2 - 2^2$$

7



What equation would you use to solve for the missing side c based on the Pythagorean theorem:  
 $a^2 + b^2 = c^2$

**a**

$$c^2 = 14^2 + 6^2$$

**b**

$$c^2 = 14^2 - 6^2$$