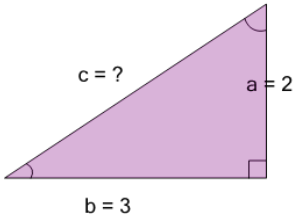
Math worksheet on *'Pythagorean Theorem - Either Missing Length - Labelled Sides (Equation) (Level 1)'*. Part of a broader unit on *'Pythagoras - Intro'*

Learn online: app.mobius.academy/math/units/pythagoras_intro/

1 Find the length of the missing side as an equation based on the Pythagorean theorem: $a^2 + b^2 = c^2$



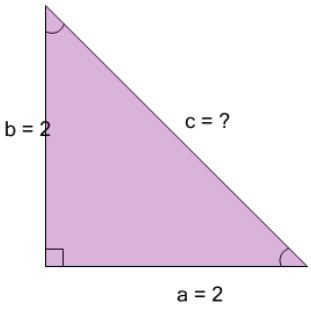
a $c = \sqrt{2^2 + 3^2}$

b $c = \sqrt{3^2 - 2^2}$

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

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

2 Find the length of the missing side as an equation based on the Pythagorean theorem: $a^2 + b^2 = c^2$



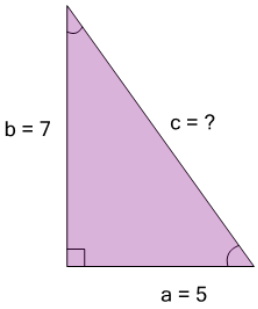
a $c = 2^2 + 2^2$

b $c = \sqrt{2^2 + 2^2}$

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

d $c = \sqrt{2^2 - 2^2}$

3 Find the length of the missing side as an equation based on the Pythagorean theorem: $a^2 + b^2 = c^2$



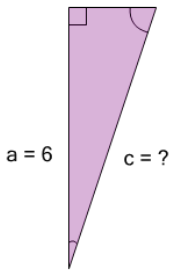
a $c = 5^2 + 7^2$

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

c $c = \sqrt{7^2 - 5^2}$

d $c = \sqrt{5^2 + 7^2}$

4 Find the length of the missing side as an equation based on the Pythagorean theorem: $a^2 + b^2 = c^2$



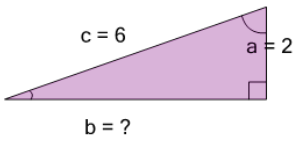
a $c = \sqrt{2^2 - 6^2}$

b $c = \sqrt{6^2 + 2^2}$

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

d $c = 6^2 + 2^2$

5 Find the length of the missing side as an equation based on the Pythagorean theorem: $a^2 + b^2 = c^2$

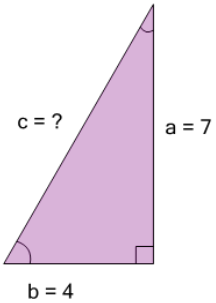


a $b = \sqrt{6^2 - 2^2}$

b $b = \sqrt{2^3 + 6^3}$

c $b = 2^2 - 6^2$

6 Find the length of the missing side as an equation based on the Pythagorean theorem: $a^2 + b^2 = c^2$



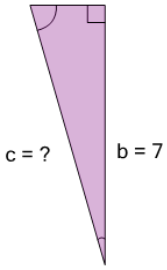
a $c = 7^2 + 4^2$

b $c = 7^2 - 4^2$

c $c = \sqrt{7^3 + 4^3}$

d $c = \sqrt{7^2 + 4^2}$

7 Find the length of the missing side as an equation based on the Pythagorean theorem: $a^2 + b^2 = c^2$



a $c = \sqrt{7^2 - 2^2}$

b $c = \sqrt{2^2 - 7^2}$

c $c = \sqrt{2^2 + 7^2}$

d $c = 2^2 - 7^2$