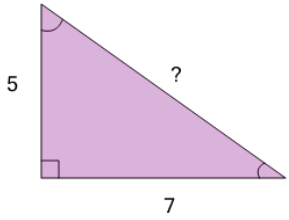
Math worksheet on *'Pythagorean Theorem - Either Missing Length (Equation) (Level 1)'*. Part of a broader unit on *'Pythagoras - Practice'*

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

1 Find the length of the missing side as an equation based on the Pythagorean theorem

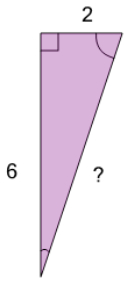


a $7^2 - 5^2$

b $7^2 + 5^2$

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

2 Find the length of the missing side as an equation based on the Pythagorean theorem



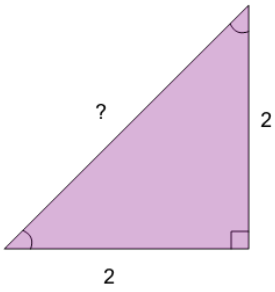
a $\sqrt{6^2 + 2^2}$

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

c $6^2 + 2^2$

d $6^2 - 2^2$

3 Find the length of the missing side as an equation based on the Pythagorean theorem



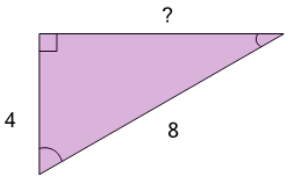
a $\sqrt{2^2 + 2^2}$

b $2^2 + 2^2$

c $2^2 - 2^2$

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

4 Find the length of the missing side as an equation based on the Pythagorean theorem



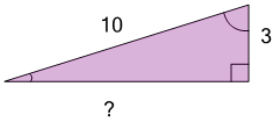
a $4^2 + 8^2$

b $\sqrt{4^3 + 8^3}$

c $4^2 - 8^2$

d $\sqrt{8^2 - 4^2}$

5 Find the length of the missing side as an equation based on the Pythagorean theorem



a $\sqrt{10^2 - 3^2}$

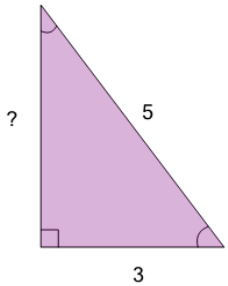
b $\sqrt{10^2 + 3^2}$

c $3^2 + 10^2$

d $3^2 - 10^2$

e $\sqrt{3^3 + 10^3}$

6 Find the length of the missing side as an equation based on the Pythagorean theorem

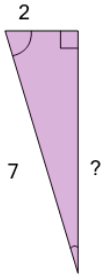


a $\sqrt{3^3 + 5^3}$

b $\sqrt{5^2 - 3^2}$

c $3^2 - 5^2$

7 Find the length of the missing side as an equation based on the Pythagorean theorem



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

b $2^2 - 7^2$

c $2^2 + 7^2$