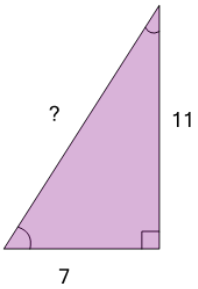
Math worksheet on *'Pythagorean Theorem - Length of Hypotenuse (Equation) (Level 2)'*. Part of a broader unit on *'Pythagoras - Intro'*

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



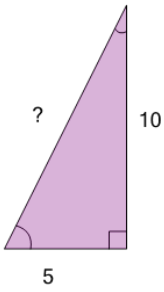
a $11^2 - 7^2$

b $\sqrt{11^2 + 7^2}$

c $\sqrt{11^3 + 7^3}$

d $11^2 + 7^2$

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

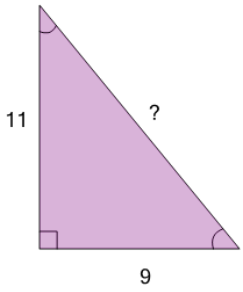


a $\sqrt{10^2 + 5^2}$

b $\sqrt{10^3 + 5^3}$

c $10^2 + 5^2$

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



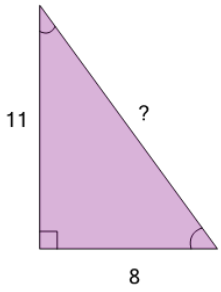
a $\sqrt{9^2 + 11^2}$

b $\sqrt{11^2 - 9^2}$

c $9^2 + 11^2$

d $9^2 - 11^2$

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



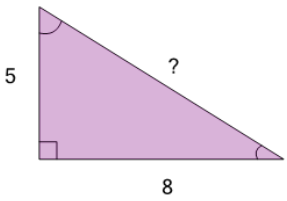
a $8^2 - 11^2$

b $\sqrt{8^3 + 11^3}$

c $\sqrt{11^2 - 8^2}$

d $\sqrt{8^2 + 11^2}$

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

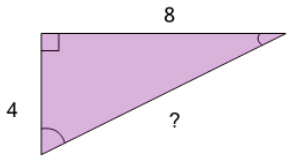


a $\sqrt{8^2 + 5^2}$

b $8^2 - 5^2$

c $8^2 + 5^2$

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

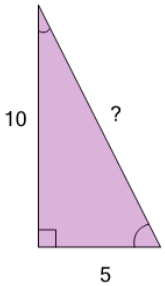


a $4^2 + 8^2$

b $\sqrt{4^2 + 8^2}$

c $4^2 - 8^2$

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



a $5^2 - 10^2$

b $5^2 + 10^2$

c $\sqrt{5^2 - 10^2}$

d $\sqrt{5^2 + 10^2}$