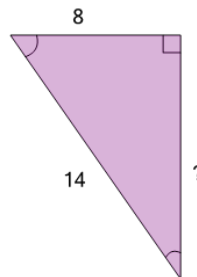




Math worksheet on 'Pythagorean Theorem - Length of Side (Equation) (Level 2)'. Part of a broader unit on 'Pythagoras - Intro'

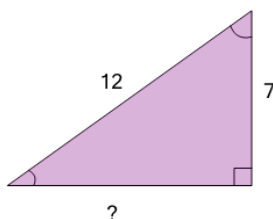
Learn online: app.mobius.academy/math/units/pythagoras_intro/

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



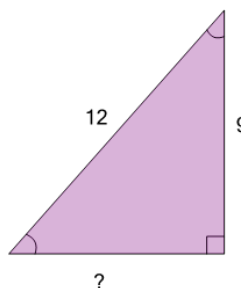
a $8^2 - 14^2$	b $\sqrt{8^2 + 14^2}$
c $8^2 + 14^2$	d $\sqrt{14^2 - 8^2}$

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



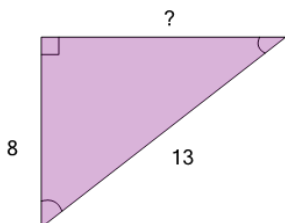
a $7^2 - 12^2$	b $7^2 + 12^2$
c $\sqrt{12^2 - 7^2}$	

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



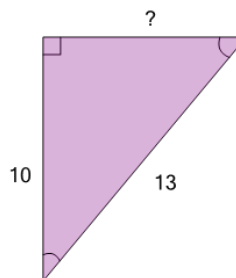
a $9^2 - 12^2$	b $\sqrt{9^2 - 12^2}$
c $\sqrt{12^2 - 9^2}$	d $\sqrt{9^2 + 12^2}$

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



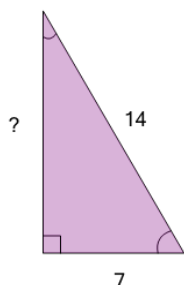
a $\sqrt{8^2 - 13^2}$	b $8^2 + 13^2$
c $8^2 - 13^2$	d $\sqrt{13^2 - 8^2}$

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



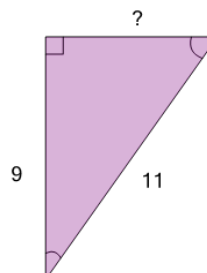
a $\sqrt{13^2 - 10^2}$	b $10^2 + 13^2$
c $10^2 - 13^2$	

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



a $7^2 + 14^2$	b $7^2 - 14^2$
c $\sqrt{14^2 - 7^2}$	

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



a $\sqrt{11^2 - 9^2}$	b $9^2 + 11^2$
c $9^2 - 11^2$	d $\sqrt{11^2 + 9^2}$