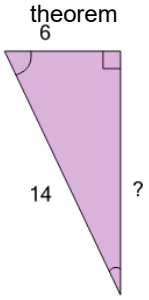
Mobius Math Club Name:_____

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

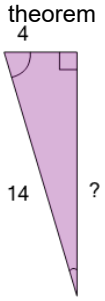
Learn online: app.mobius.academy/math/units/pythagoras_intro/

1 Find the length of the missing side as a square root value, based on the Pythagorean theorem



a $\sqrt{160}$ **b** $\sqrt{356}$ **c** $\sqrt{552}$

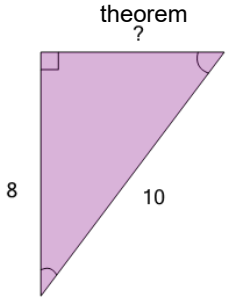
2 Find the length of the missing side as a square root value, based on the Pythagorean theorem



a $\sqrt{212}$ **b** $\sqrt{572}$ **c** $\sqrt{376}$

d $\sqrt{180}$

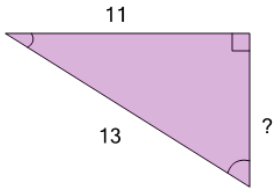
3 Find the length of the missing side as a square root value, based on the Pythagorean theorem



a $\sqrt{236}$ **b** $\sqrt{364}$ **c** $\sqrt{136}$

d $\sqrt{36}$

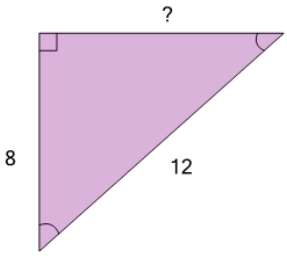
4 Find the length of the missing side as a square root value, based on the Pythagorean theorem



a $\sqrt{217}$ **b** $\sqrt{290}$ **c** $\sqrt{48}$

d $\sqrt{386}$

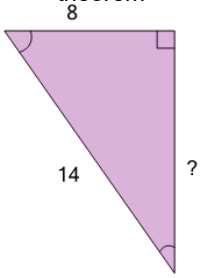
5 Find the length of the missing side as a square root value, based on the Pythagorean theorem



a $\sqrt{352}$ **b** $\sqrt{80}$ **c** $\sqrt{368}$

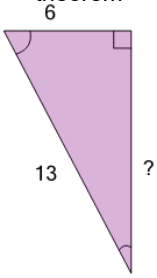
d $\sqrt{224}$ **e** $\sqrt{208}$

6 Find the length of the missing side as a square root value, based on the Pythagorean theorem



a $\sqrt{456}$ **b** $\sqrt{132}$ **c** $\sqrt{524}$

7 Find the length of the missing side as a square root value, based on the Pythagorean theorem



a $\sqrt{471}$ **b** $\sqrt{302}$ **c** $\sqrt{133}$