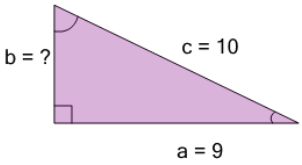
Math worksheet on *'Pythagorean Theorem - Either Missing Length - Labelled Sides (Radical) (Level 2)'*. Part of a broader unit on *'Pythagoras - Intro'*

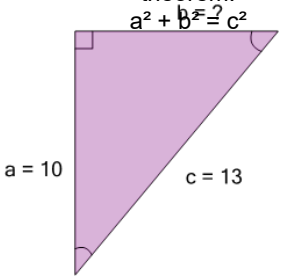
Learn online: app.mobius.academy/math/units/pythagoras_intro/

1 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



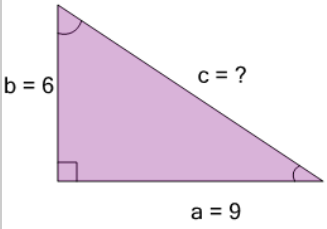
a $\sqrt{281}$ **b** $\sqrt{219}$ **c** $\sqrt{19}$ **d** $\sqrt{119}$

2 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



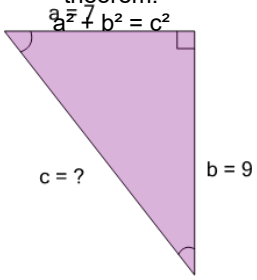
a $\sqrt{69}$ **b** $\sqrt{438}$ **c** $\sqrt{407}$ **d** $\sqrt{238}$

3 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



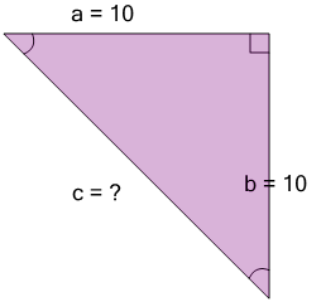
a $\sqrt{45}$ **b** $\sqrt{117}$

4 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



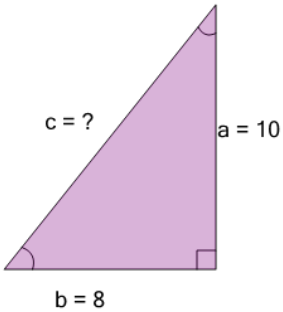
a $\sqrt{292}$ **b** $\sqrt{130}$ **c** $\sqrt{32}$

5 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



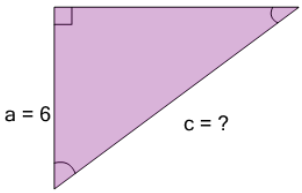
a $\sqrt{200}$ **b** $\sqrt{0}$

6 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



a $\sqrt{164}$ **b** $\sqrt{36}$

7 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



a $\sqrt{28}$ **b** $\sqrt{164}$ **c** $\sqrt{100}$