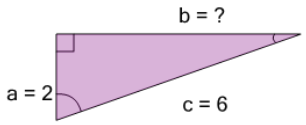
Math worksheet on *'Pythagorean Theorem - Length of Side - Labelled Sides (Radical) (Level 1)'*. Part of a broader unit on *'Pythagoras - Intro'*

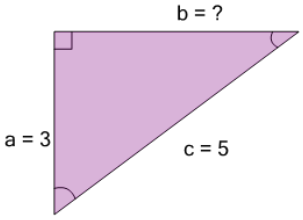
Learn online: app.mobius.academy/math/units/pythagoras_intro/

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 $\sqrt{40}$ **b** $\sqrt{32}$ **c** $\sqrt{68}$

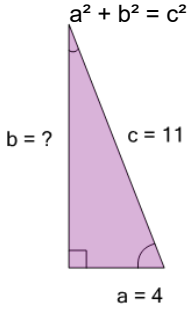
2 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



a $\sqrt{59}$ **b** $\sqrt{66}$ **c** $\sqrt{16}$

d $\sqrt{41}$

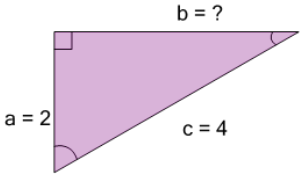
3 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



a $\sqrt{226}$ **b** $\sqrt{105}$ **c** $\sqrt{258}$

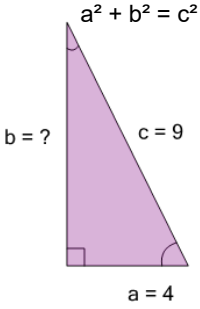
d $\sqrt{347}$

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



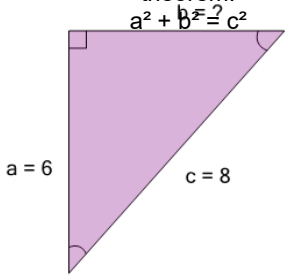
a $\sqrt{28}$ **b** $\sqrt{44}$ **c** $\sqrt{12}$

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



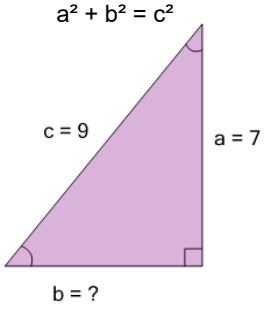
a $\sqrt{65}$ **b** $\sqrt{97}$ **c** $\sqrt{227}$

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 $\sqrt{28}$ **b** $\sqrt{156}$ **c** $\sqrt{100}$

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 $\sqrt{194}$ **b** $\sqrt{292}$ **c** $\sqrt{130}$

d $\sqrt{32}$ **e** $\sqrt{211}$