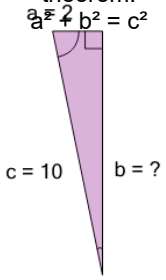
Math worksheet on *'Pythagorean Theorem - Length of Side - Labelled Sides (Radical) (Level 1)'*. Part of a broader unit on *'Pythagoras - Intro'*

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:

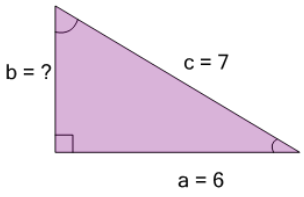
$a^2 + b^2 = c^2$



a $\sqrt{296}$ **b** $\sqrt{96}$ **c** $\sqrt{196}$

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

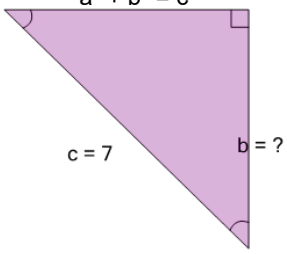
$a^2 + b^2 = c^2$



a $\sqrt{13}$ **b** $\sqrt{111}$ **c** $\sqrt{62}$

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

$a^2 + b^2 = c^2$

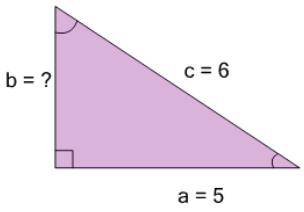


a $\sqrt{123}$ **b** $\sqrt{122}$ **c** $\sqrt{73}$

d $\sqrt{24}$

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

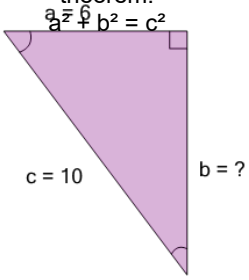
$a^2 + b^2 = c^2$



a $\sqrt{83}$ **b** $\sqrt{11}$ **c** $\sqrt{47}$

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

$a^2 + b^2 = c^2$

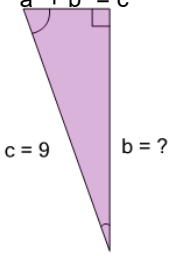


a $\sqrt{264}$ **b** $\sqrt{64}$ **c** $\sqrt{164}$

d $\sqrt{136}$

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

$a^2 + b^2 = c^2$

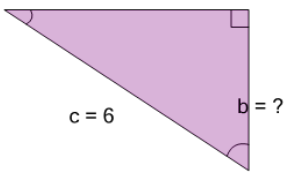


a $\sqrt{234}$ **b** $\sqrt{90}$ **c** $\sqrt{72}$

d $\sqrt{153}$

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 $\sqrt{61}$ **b** $\sqrt{83}$ **c** $\sqrt{47}$

d $\sqrt{11}$