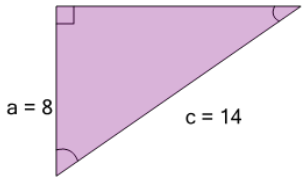
Math worksheet on *'Pythagorean Theorem - Length of Side - Labelled Sides (Radical) (Level 2)'*. Part of a broader unit on *'Pythagoras - Intro'*

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

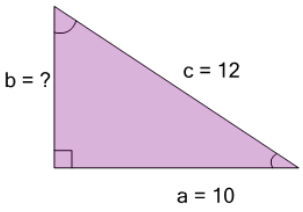
1 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



a $\sqrt{328}$ **b** $\sqrt{132}$ **c** $\sqrt{456}$

d $\sqrt{524}$

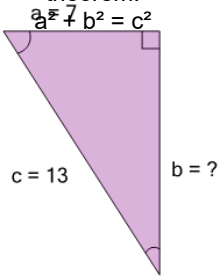
2 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



a $\sqrt{44}$ **b** $\sqrt{332}$ **c** $\sqrt{188}$

d $\sqrt{388}$

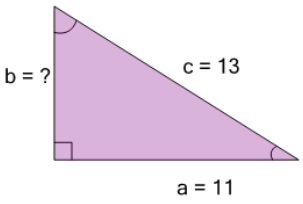
3 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



a $\sqrt{556}$ **b** $\sqrt{458}$ **c** $\sqrt{289}$

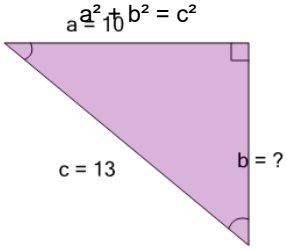
d $\sqrt{120}$

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 $\sqrt{48}$ **b** $\sqrt{386}$ **c** $\sqrt{217}$

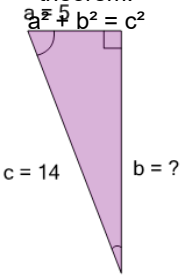
5 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



a $\sqrt{269}$ **b** $\sqrt{69}$ **c** $\sqrt{407}$

d $\sqrt{238}$

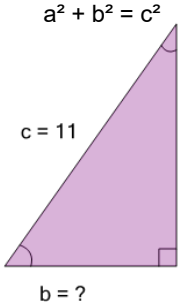
6 Find the length of the missing side as a square root value, based on the Pythagorean theorem:
$a^2 + b^2 = c^2$



a $\sqrt{613}$ **b** $\sqrt{367}$ **c** $\sqrt{171}$

d $\sqrt{563}$

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 $\sqrt{40}$ **b** $\sqrt{323}$ **c** $\sqrt{202}$

d $\sqrt{161}$ **e** $\sqrt{282}$