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

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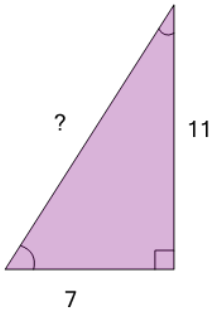
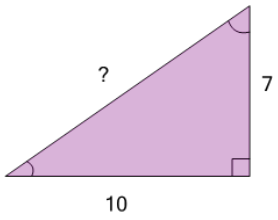
1 Find the length of the missing side as a square root value, based on the Pythagorean theorem



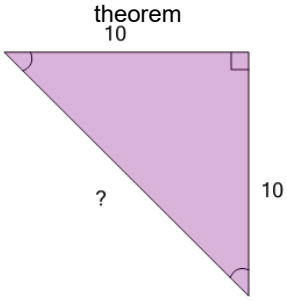
a $\sqrt{170}$ **b** $\sqrt{72}$

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



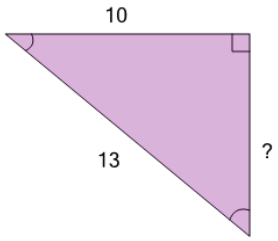
a $\sqrt{51}$ **b** $\sqrt{149}$ **c** $\sqrt{-51}$

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



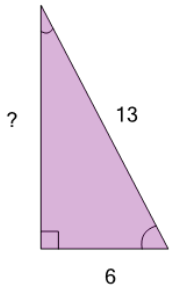
a $\sqrt{400}$ **b** $\sqrt{200}$ **c** $\sqrt{0}$

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



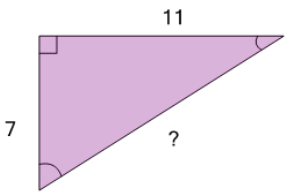
a $\sqrt{607}$ **b** $\sqrt{69}$ **c** $\sqrt{438}$ **d** $\sqrt{407}$

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



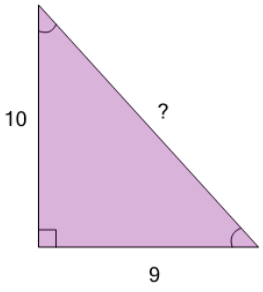
a $\sqrt{471}$ **b** $\sqrt{302}$ **c** $\sqrt{205}$ **d** $\sqrt{133}$

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



a $\sqrt{-72}$ **b** $\sqrt{72}$ **c** $\sqrt{170}$ **d** $\sqrt{412}$

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



a $\sqrt{181}$ **b** $\sqrt{281}$ **c** $\sqrt{-19}$ **d** $\sqrt{19}$