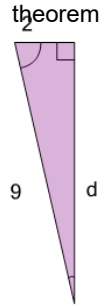
Math worksheet on *'Pythagorean Theorem - Length of Side (Radical) (Level 1)'*. Part of a broader unit on *'Pythagoras - Practice'*

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

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

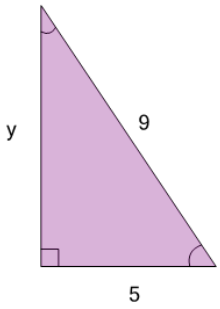


a $d = \sqrt{239}$

b $d = \sqrt{77}$

c $d = \sqrt{158}$

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



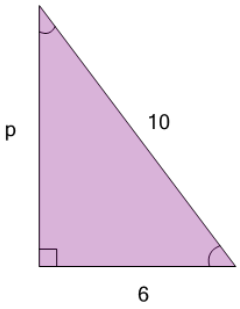
a $y = \sqrt{218}$

b $y = \sqrt{137}$

c $y = \sqrt{268}$

d $y = \sqrt{56}$

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



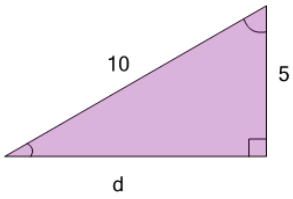
a $p = \sqrt{136}$

b $p = \sqrt{264}$

c $p = \sqrt{164}$

d $p = \sqrt{64}$

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

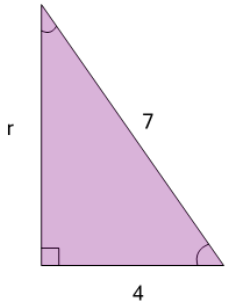


a $d = \sqrt{75}$

b $d = \sqrt{175}$

c $d = \sqrt{275}$

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



a $r = \sqrt{114}$

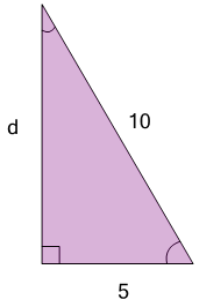
b $r = \sqrt{82}$

c $r = \sqrt{131}$

d $r = \sqrt{65}$

e $r = \sqrt{33}$

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



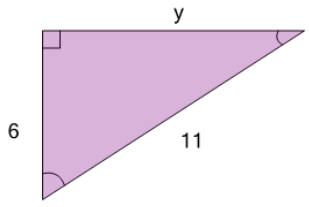
a $d = \sqrt{175}$

b $d = \sqrt{225}$

c $d = \sqrt{275}$

d $d = \sqrt{75}$

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



a $y = \sqrt{278}$

b $y = \sqrt{327}$

c $y = \sqrt{85}$

d $y = \sqrt{157}$