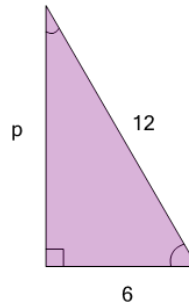




Math worksheet on 'Pythagorean Theorem - Length of Side (Radical) (Level 2)'. Part of a broader unit on 'Pythagoras - Practice'

Learn online: [app.mobius.academy/math/units/pythagoras\\_practice/](http://app.mobius.academy/math/units/pythagoras_practice/)

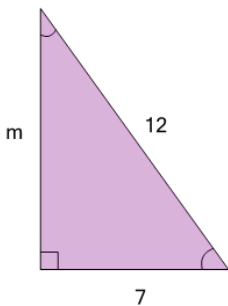
- 1** Find the length of the missing side as a square root value, based on the Pythagorean theorem



**a**  $p = \sqrt{252}$  **b**  $p = \sqrt{180}$

**c**  $p = \sqrt{324}$  **d**  $p = \sqrt{108}$

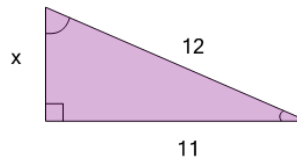
- 2** Find the length of the missing side as a square root value, based on the Pythagorean theorem



**a**  $m = \sqrt{383}$  **b**  $m = \sqrt{95}$

**c**  $m = \sqrt{239}$

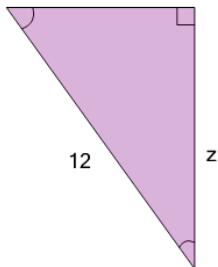
- 3** Find the length of the missing side as a square root value, based on the Pythagorean theorem



**a**  $x = \sqrt{167}$  **b**  $x = \sqrt{311}$

**c**  $x = \sqrt{23}$  **d**  $x = \sqrt{265}$

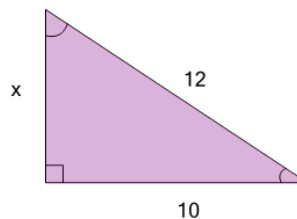
- 4** Find the length of the missing side as a square root value, based on the Pythagorean theorem



**a**  $z = \sqrt{239}$  **b**  $z = \sqrt{95}$

**c**  $z = \sqrt{383}$  **d**  $z = \sqrt{481}$

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

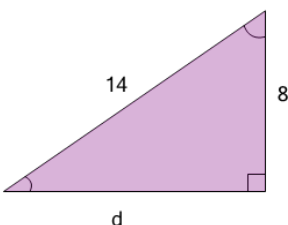


**a**  $x = \sqrt{44}$  **b**  $x = \sqrt{532}$

**c**  $x = \sqrt{244}$  **d**  $x = \sqrt{188}$

**e**  $x = \sqrt{332}$

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

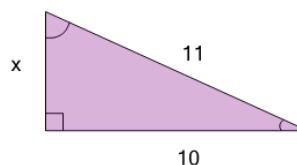


**a**  $d = \sqrt{652}$  **b**  $d = \sqrt{132}$

**c**  $d = \sqrt{328}$  **d**  $d = \sqrt{260}$

**e**  $d = \sqrt{524}$

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



**a**  $x = \sqrt{142}$  **b**  $x = \sqrt{21}$

**c**  $x = \sqrt{263}$  **d**  $x = \sqrt{463}$