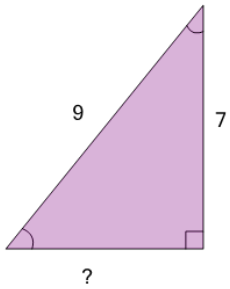
Math worksheet on *'Pythagorean Theorem - Length of Side (Radical) (Level 1)'*. Part of a broader unit on *'Pythagoras - Intro'*

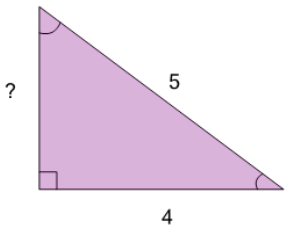
Learn online: app.mobius.academy/math/units/pythagoras_intro/

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



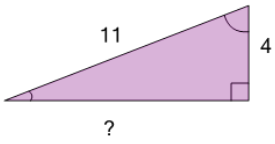

| a | b | c |
|---|---|---|
| $\sqrt{211}$ | $\sqrt{113}$ | $\sqrt{194}$ |
| **d** | | |
| $\sqrt{32}$ | | |

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



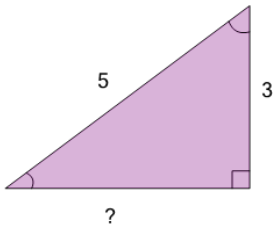

| a | b | c |
|---|---|---|
| $\sqrt{34}$ | $\sqrt{9}$ | $\sqrt{59}$ |
| **d** | | |
| $\sqrt{41}$ | | |

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



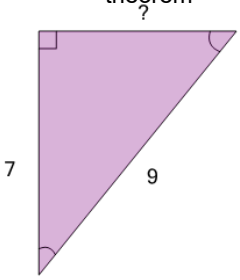

| a | b | c |
|---|---|---|
| $\sqrt{347}$ | $\sqrt{258}$ | $\sqrt{379}$ |
| **d** | **e** | |
| $\sqrt{226}$ | $\sqrt{105}$ | |

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



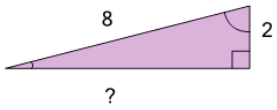

| a | b | c |
|---|---|---|
| $\sqrt{66}$ | $\sqrt{16}$ | $\sqrt{41}$ |
| **d** | | |
| $\sqrt{84}$ | | |

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



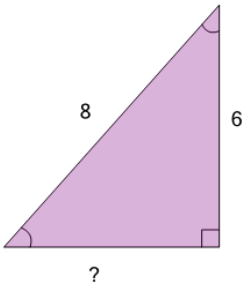

| a | b | c |
|---|---|---|
| $\sqrt{113}$ | $\sqrt{194}$ | $\sqrt{32}$ |
| | | |

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




| a | b | c |
|---|---|---|
| $\sqrt{188}$ | $\sqrt{60}$ | $\sqrt{68}$ |
| **d** | | |
| $\sqrt{124}$ | | |

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




| a | b | c |
|---|---|---|
| $\sqrt{156}$ | $\sqrt{28}$ | $\sqrt{92}$ |
| | | |