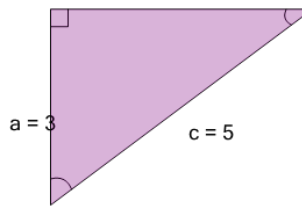




Math worksheet on 'Pythagorean Theorem - Length of Side - Labelled Sides (Radical) (Level 1)'. Part of a broader unit on 'Pythagoras - Intro'

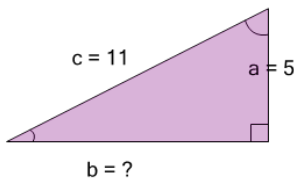
Learn online: app.mobius.academy/math/units/pythagoras_intro/

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



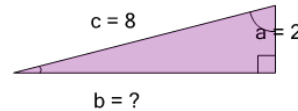
a	b	c
$b = \sqrt{59}$	$b = \sqrt{41}$	$b = \sqrt{66}$
d		
$b = \sqrt{16}$		

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



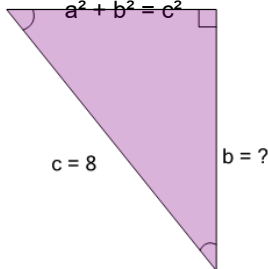
a	b
$b = \sqrt{388}$	$b = \sqrt{96}$
c	d
$b = \sqrt{217}$	$b = \sqrt{338}$

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



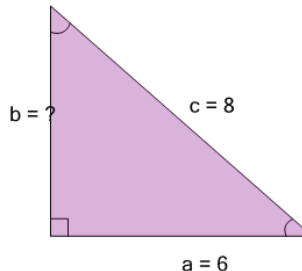
a	b
$b = \sqrt{124}$	$b = \sqrt{188}$
c	d
$b = \sqrt{60}$	$b = \sqrt{132}$

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



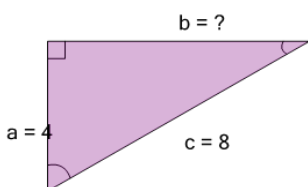
a	b
$b = \sqrt{153}$	$b = \sqrt{217}$
c	d
$b = \sqrt{39}$	$b = \sqrt{167}$

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



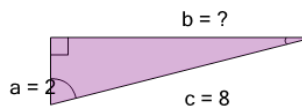
a	b
$b = \sqrt{100}$	$b = \sqrt{92}$
c	d
$b = \sqrt{156}$	$b = \sqrt{28}$

- 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	b
$b = \sqrt{176}$	$b = \sqrt{144}$
c	
$b = \sqrt{48}$	

- 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	b
$b = \sqrt{60}$	$b = \sqrt{196}$
c	d
$b = \sqrt{124}$	$b = \sqrt{188}$