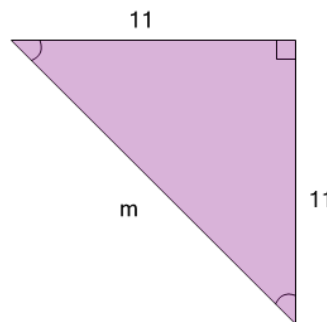




Math worksheet on 'Pythagorean Theorem - Either Missing Length (Radical) (Level 2)'. Part of a broader unit on 'Pythagoras - Practice'

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

1

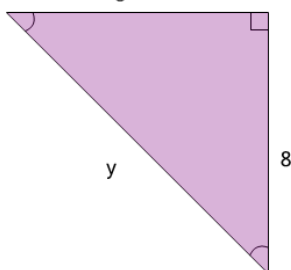


Find the length of the missing side as a square root value, based on the Pythagorean theorem

a	b
$m = \sqrt{0}$	$m = \sqrt{242}$

2

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

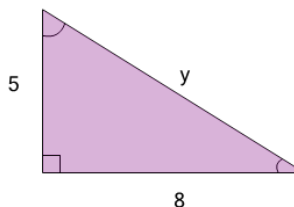


a	b
$y = \sqrt{192}$	$y = \sqrt{0}$

c	d
$y = \sqrt{256}$	$y = \sqrt{128}$

3

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

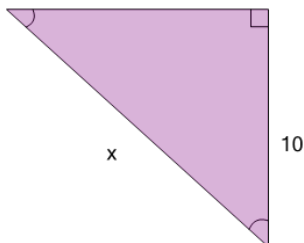


a	b
$y = \sqrt{139}$	$y = \sqrt{39}$

c	
$y = \sqrt{89}$	

4

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

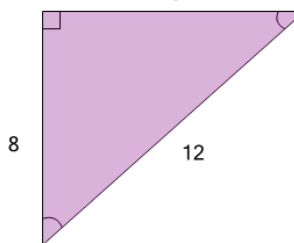


a	b
$x = \sqrt{21}$	$x = \sqrt{321}$

c	
$x = \sqrt{221}$	

5

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

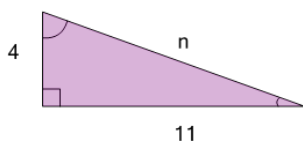


a	b
$r = \sqrt{80}$	$r = \sqrt{368}$

c	d
$r = \sqrt{224}$	$r = \sqrt{496}$

6

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

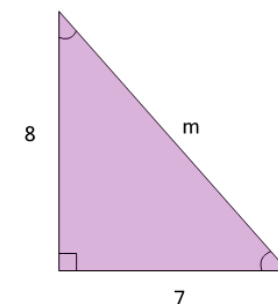


a	b
$n = \sqrt{105}$	$n = \sqrt{137}$

c	
$n = \sqrt{169}$	

7

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



a	b
$m = \sqrt{177}$	$m = \sqrt{113}$

c	
$m = \sqrt{15}$	