



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

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**1**

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

<b>a</b>	<b>b</b>
$\sqrt{113}$	$\sqrt{15}$

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

<b>a</b>	<b>b</b>	<b>c</b>
$\sqrt{106}$	$\sqrt{131}$	$\sqrt{56}$

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

<b>a</b>	<b>b</b>	<b>c</b>
$\sqrt{157}$	$\sqrt{85}$	$\sqrt{229}$

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

<b>a</b>	<b>b</b>	<b>c</b>
$\sqrt{388}$	$\sqrt{96}$	$\sqrt{267}$
<b>d</b>	<b>e</b>	
$\sqrt{146}$	$\sqrt{-96}$	

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

<b>a</b>	<b>b</b>	<b>c</b>
$\sqrt{56}$	$\sqrt{187}$	$\sqrt{106}$

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

<b>a</b>	<b>b</b>	<b>c</b>
$\sqrt{157}$	$\sqrt{278}$	$\sqrt{85}$

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

<b>a</b>	<b>b</b>	<b>c</b>
$\sqrt{349}$	$\sqrt{149}$	$\sqrt{51}$
<b>d</b>		
$\sqrt{-51}$		