



Math worksheet on 'Pythagorean Equation from Values - Length of Hypotenuse (Radical) (Level 1)'.
Part of a broader unit on 'Pythagoras - Foundations'

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1 Find the radical (square root) for the value of 'c' in this equation

$$36 + 16 = c^2$$

a	b	c
$c = \sqrt{84}$	$c = \sqrt{52}$	$c = \sqrt{20}$

2 Find the radical (square root) for the value of 'c' in this equation

$$9 + 16 = c^2$$

a	b	c
$c = \sqrt{25}$	$c = \sqrt{7}$	$c = \sqrt{57}$

3 Find the radical (square root) for the value of 'c' in this equation

$$25 + 25 = c^2$$

a	b
$c = \sqrt{50}$	$c = \sqrt{0}$

4 Find the radical (square root) for the value of 'c' in this equation

$$25 + 4 = c^2$$

a	b	c
$c = \sqrt{29}$	$c = \sqrt{33}$	$c = \sqrt{21}$

5 Find the radical (square root) for the value of 'c' in this equation

$$25 + 16 = c^2$$

a	b	c
$c = \sqrt{41}$	$c = \sqrt{9}$	$c = \sqrt{57}$

6 Find the radical (square root) for the value of 'c' in this equation

$$9 + 9 = c^2$$

a	b	c
$c = \sqrt{27}$	$c = \sqrt{0}$	$c = \sqrt{18}$

7 Find the radical (square root) for the value of 'c' in this equation

$$25 + 36 = c^2$$

a	b
$c = \sqrt{133}$	$c = \sqrt{11}$
c	d
$c = \sqrt{61}$	$c = \sqrt{-11}$