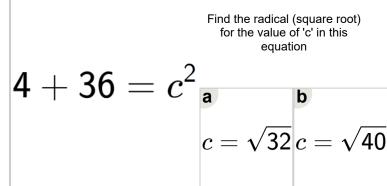
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Math worksheet on 'Pythagorean Equation from Values - Length of Side (Radical) (Level 1)'. Part of a broader unit on 'Pythagoras - Foundations'

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

$$16 + 9 = c^2$$

$$\stackrel{\mathtt{a}}{c} = \sqrt{7} \stackrel{\mathtt{b}}{c} = \sqrt{25} \stackrel{\mathtt{c}}{c} = \sqrt{43}$$

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

$$9 + 25 = c^2$$

a	$c=\sqrt{34}$	b	$c=\sqrt{16}$
C	$c=\sqrt{-16}$		

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

$$4 + 4 = c^2$$

$$c=\sqrt{0}$$
 $c=\sqrt{8}$ $c=\sqrt{12}$

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

$$4 + 16 = c^2$$

a	$c=\sqrt{-12}$	b	$c=\sqrt{20}$	
C	$c=\sqrt{12}$	d	$c=\sqrt{52}$	

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

$$4 + 9 = c^2$$

$$c=\sqrt{22}$$
 $c=\sqrt{5}$ $c=\sqrt{13}$

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

$$25 + 4 = c^2$$

a	b	С	d
$c = \sqrt{37}$	$c=\sqrt{29}$	$c = \sqrt{21}$	$c = \sqrt{33}$