



## Pythagorean Equation from Values - Length of Hypotenuse (Radical)

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

$$16 + 16 = c^2$$

A	B	C
$c = \sqrt{32}$	$c = \sqrt{0}$	$c = \sqrt{64}$

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

$$16 + 4 = c^2$$

A	B	C
$c = \sqrt{28}$	$c = \sqrt{20}$	$c = \sqrt{12}$

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

$$4 + 36 = c^2$$

A	$c = \sqrt{112}$	B	$c = \sqrt{40}$
C	$c = \sqrt{32}$		

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

$$4 + 25 = c^2$$

A	B	C
$c = \sqrt{79}$	$c = \sqrt{21}$	$c = \sqrt{29}$

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

$$36 + 25 = c^2$$

A	B	C
$c = \sqrt{11}$	$c = \sqrt{86}$	$c = \sqrt{61}$

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

$$36 + 9 = c^2$$

A	B
$c = \sqrt{27}$	$c = \sqrt{45}$

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

$$9 + 16 = c^2$$

A	B	C
$c = \sqrt{25}$	$c = \sqrt{7}$	$c = \sqrt{57}$

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

$$9 + 4 = c^2$$

A	B
$c = \sqrt{5}$	$c = \sqrt{13}$