



## Pythagorean Equation from Squares - Length of Side (Squared Values)

**1** Find what the square of 'b' would be equal to

$$3^2 + b^2 = 4^2$$

A	$b^2 = 1$	B	$b^2 = 12$
C	$b^2 = 7$	D	$b^2 = 3$
E	$b^2 = 13$	F	$b^2 = 144$

**2** Find what the square of 'a' would be equal to

$$a^2 + 4^2 = 6^2$$

A	B	C	D	E	F
$a^2 = 30$	$a^2 = 24$	$a^2 = 1$	$a^2 = 12$	$a^2 = 32$	$a^2 = 20$

**3** Find what the square of 'c' would be equal to

$$5^2 + 4^2 = c^2$$

A	B	C	D	E	F
$c^2 = 9$	$c^2 = 15$	$c^2 = 95$	$c^2 = 41$	$c^2 = 52$	$c^2 = 22$

**4** Find what the square of 'c' would be equal to

$$5^2 + 3^2 = c^2$$

A	B	C	D	E	F
$c^2 = 84$	$c^2 = 56$	$c^2 = 16$	$c^2 = 34$	$c^2 = 6$	$c^2 = 11$

**5** Find what the square of 'c' would be equal to

$$2^2 + 6^2 = c^2$$

A	B	C	D	E	F
$c^2 = 40$	$c^2 = 78$	$c^2 = 14$	$c^2 = 5$	$c^2 = 64$	$c^2 = 51$

**6** Find what the square of 'c' would be equal to

$$3^2 + 4^2 = c^2$$

A	$c^2 = 144$	B	$c^2 = 25$
C	$c^2 = 70$	D	$c^2 = 57$
E	$c^2 = 49$	F	$c^2 = 17$

**7** Find what the square of 'b' would be equal to

$$4^2 + b^2 = 9^2$$

A	$b^2 = 101$	B	$b^2 = 32$
C	$b^2 = 169$	D	$b^2 = 16$
E	$b^2 = 53$	F	$b^2 = 65$

**8** Find what the square of 'c' would be equal to

$$6^2 + 5^2 = c^2$$

A	$c^2 = 900$	B	$c^2 = 107$
C	$c^2 = 75$	D	$c^2 = 61$
E	$c^2 = 20$	F	$c^2 = 90$