



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

Learn online: [app.mobius.academy/math/units/pythagoras\\_foundations/](http://app.mobius.academy/math/units/pythagoras_foundations/)

1

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

$$25 + b^2 = 36$$

a

$b^2 = 11$

b

$b^2 = 16$

c

$b^2 = 900$

d

$b^2 = 19$

e

$b^2 = 1$

f

$b^2 = 121$

2

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

$$16 + 4 = c^2$$

a

$c^2 = 1$

b

$c^2 = 8$

c

$c^2 = 20$

d

$c^2 = 64$

e

$c^2 = 28$

f

$c^2 = 12$

3

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

$$a^2 + 36 = 81$$

a

$a^2 = 36$

b

$a^2 = 45$

c

$a^2 = 54$

d

$a^2 = 75$

e

$a^2 = 22$

f

$a^2 = 76$

4

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

$$9 + 4 = c^2$$

a

$c^2 = 20$

b

$c^2 = 5$

c

$c^2 = 4$

d

$c^2 = 28$

e

$c^2 = 13$

f

$c^2 = 1$

5

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

$$16 + 9 = c^2$$

a

$c^2 = 1$

b

$c^2 = 6$

c

$c^2 = 25$

d

$c^2 = 34$

e

$c^2 = 7$

f

$c^2 = 57$

6

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

$$4 + 16 = c^2$$

a

$c^2 = 12$

b

$c^2 = 20$

c

$c^2 = 36$

d

$c^2 = 13$

e

$c^2 = 49$

f

$c^2 = 1$

7

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

$$a^2 + 9 = 49$$

a

$a^2 = 58$

b

$a^2 = 78$

c

$a^2 = 54$

d

$a^2 = 100$

e

$a^2 = 14$

f

$a^2 = 40$