



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

Learn online: app.mobius.academy/math/units/pythagoras_foundations/

1

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

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

a

$b^2 = 65$

b

$b^2 = 53$

c

$b^2 = 16$

d

$b^2 = 32$

e

$b^2 = 169$

f

$b^2 = 101$

2

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

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

a

$c^2 = 78$

b

$c^2 = 14$

c

$c^2 = 51$

d

$c^2 = 40$

e

$c^2 = 5$

f

$c^2 = 64$

3

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

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

a

$c^2 = 32$

b

$c^2 = 16$

c

$c^2 = 42$

d

$c^2 = 5$

e

$c^2 = 54$

f

$c^2 = 81$

4

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

$$6^2 + b^2 = 9^2$$

a

$b^2 = 2,916$

b

$b^2 = 94$

c

$b^2 = 45$

d

$b^2 = 36$

e

$b^2 = 75$

f

$b^2 = 16$

5

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

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

a

$a^2 = 20$

b

$a^2 = 32$

c

$a^2 = 30$

d

$a^2 = 24$

e

$a^2 = 1$

f

$a^2 = 12$

6

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

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

a

$c^2 = 80$

b

$c^2 = 52$

c

$c^2 = 9$

d

$c^2 = 15$

e

$c^2 = 81$

f

$c^2 = 41$

7

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

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

a

$c^2 = 49$

b

$c^2 = 57$

c

$c^2 = 25$

d

$c^2 = 144$

e

$c^2 = 17$

f

$c^2 = 70$