



Math worksheet on 'Pythagorean Equation from Variables - Length of Hypotenuse (Integer) (Level 1)'. Part of a broader unit on 'Pythagoras - Foundations'

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

1 Find the value of 'c' in this equation

$$a^2 + b^2 = c^2$$

$$a = 12$$

$$b = 5$$

$$c = ?$$

a

$$c = 11$$

b

$$c = 60$$

c

$$c = 17$$

d

$$c = 16$$

e

$$c = 10$$

f

$$c = 13$$

2 Find the value of 'c' in this equation

$$a^2 + b^2 = c^2$$

$$a = 8$$

$$b = 6$$

$$c = ?$$

a

$$c = 13$$

b

$$c = 7$$

c

$$c = 8$$

d

$$c = 10$$

e

$$c = 5$$

f

$$c = 11$$

3 Find the value of 'c' in this equation

$$a^2 + b^2 = c^2$$

$$a = 4$$

$$b = 3$$

$$c = ?$$

a

$$c = 6$$

b

$$c = 7$$

c

$$c = 2$$

d

$$c = 8$$

e

$$c = 5$$

f

$$c = 4$$

4 Find the value of 'c' in this equation

$$a^2 + b^2 = c^2$$

$$a = 5$$

$$b = 12$$

$$c = ?$$

a

$$c = 16$$

b

$$c = 60$$

c

$$c = 10$$

d

$$c = 13$$

e

$$c = 11$$

f

$$c = 17$$

5 Find the value of 'c' in this equation

$$a^2 + b^2 = c^2$$

$$a = 3$$

$$b = 4$$

$$c = ?$$

a

$$c = 4$$

b

$$c = 5$$

c

$$c = 12$$

d

$$c = 8$$

e

$$c = 3$$

f

$$c = 2$$

6 Find the value of 'c' in this equation

$$a^2 + b^2 = c^2$$

$$a = 6$$

$$b = 8$$

$$c = ?$$

a

$$c = 5$$

b

$$c = 13$$

c

$$c = 11$$

d

$$c = 7$$

e

$$c = 10$$

f

$$c = 6$$