



Math worksheet on 'Pythagorean Equation from Values - Length of Side (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 'a' in this equation

$$a^2 + 16 = 25$$

a	b	c	d	e	f
a = 6	a = 3	a = 2	a = 1	a = 4	a = 5

2 Find the value of 'a' in this equation

$$a^2 + 9 = 25$$

a	a = 5	b	a = 15
c	a = 4	d	a = 3
e	a = 8	f	a = 6

3 Find the value of 'b' in this equation

$$9 + b^2 = 25$$

a	b = 5	b	b = 3
c	b = 15	d	b = 2
e	b = 4	f	b = 1

4 Find the value of 'a' in this equation

$$a^2 + 25 = 169$$

a	a = 18	b	a = 13
c	a = 14	d	a = 15
e	a = 11	f	a = 12

5 Find the value of 'a' in this equation

$$a^2 + 64 = 100$$

a	a = 8	b	a = 80
c	a = 5	d	a = 6
e	a = 3	f	a = 2

6 Find the value of 'b' in this equation

$$64 + b^2 = 100$$

a	b = 7	b	b = 10
c	b = 6	d	b = 8
e	b = 18	f	b = 80

7 Find the value of 'b' in this equation

$$144 + b^2 = 169$$

a	b = 4	b	b = 6
c	b = 7	d	b = 25
e	b = 3	f	b = 5