



Math worksheet on 'Pythagorean Equation from Squares - Either Missing Length (Integer) (Level 2)'. Part of a broader unit on 'Pythagoras - Foundations'

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1 Find the value of 'c' in this equation

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

a	b	c	d	e	f
c = 8	c = 1	c = 7	c = 4	c = 5	c = 2

2 Find the value of 'b' in this equation

$$5^2 + b^2 = 13^2$$

a	b = 12	b	b = 13
c	b = 18	d	b = 14
e	b = 8	f	b = 11

3 Find the value of 'c' in this equation

$$16^2 + 12^2 = c^2$$

a	c = 20	b	c = 16
c	c = 18	d	c = 23
e	c = 21	f	c = 192

4 Find the value of 'a' in this equation

$$a^2 + 9^2 = 15^2$$

a	a = 13	b	a = 11
c	a = 16	d	a = 6
e	a = 12	f	a = 15

5 Find the value of 'b' in this equation

$$16^2 + b^2 = 20^2$$

a	b = 7	b	b = 10
c	b = 20	d	b = 11
e	b = 12	f	b = 14

6 Find the value of 'a' in this equation

$$a^2 + 3^2 = 5^2$$

a	b	c	d	e	f
a = 5	a = 2	a = 6	a = 1	a = 7	a = 4

7 Find the value of 'a' in this equation

$$a^2 + 12^2 = 15^2$$

a	a = 9	b	a = 11
c	a = 6	d	a = 13
e	a = 8	f	a = 27