



Math worksheet on 'Pythagorean Equation from Values - Either Missing Length (Decimal) (Level 1)'.
Part of a broader unit on 'Pythagorean Theorem with Decimals - Intro'

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1

Approximate the value of 'c' in this equation

$$4 + 36 = c^2$$

a	c = 7.2	b	c = 8.8
c	c = 3	d	c = 6.3
e	c = 8	f	c = 2.1

2

Approximate the value of 'b' in this equation

$$16 + b^2 = 36$$

a	b = 6.3	b	b = 4.5
c	b = 5.4	d	b = 10
e	b = 4	f	b = 1

3

Approximate the value of 'b' in this equation

$$4 + b^2 = 49$$

a	b = 7.4	b	b = 14
c	b = 6.7	d	b = 4.7
e	b = 9	f	b = 6.9

4

Approximate the value of 'a' in this equation

$$a^2 + 9 = 49$$

a	a = 10	b	a = 3.3
c	a = 7.6	d	a = 8.2
e	a = 9.3	f	a = 6.3

5

Approximate the value of 'c' in this equation

$$36 + 25 = c^2$$

a	c = 11	b	c = 30
c	c = 3.6	d	c = 8.7
e	c = 7.8	f	c = 3.3

6

Approximate the value of 'c' in this equation

$$9 + 25 = c^2$$

a	c = 7.5	b	c = 4
c	c = 2.5	d	c = 8.4
e	c = 4.2	f	c = 5.8

7

Approximate the value of 'a' in this equation

$$a^2 + 4 = 16$$

a	a = 6	b	a = 3.5
c	a = 8	d	a = 2.8
e	a = 1.5	f	a = 7.5