



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

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1

Find the value of 'c' in this equation

$$8^2 + 6^2 = c^2$$

<b>a</b>	c = 14	<b>b</b>	c = 11
<b>c</b>	c = 10	<b>d</b>	c = 6
<b>e</b>	c = 9	<b>f</b>	c = 7

2

Find the value of 'b' in this equation

$$4^2 + b^2 = 5^2$$

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>	<b>e</b>	<b>f</b>
b = 1	b = 4	b = 9	b = 2	b = 3	b = 5

3

Find the value of 'b' in this equation

$$8^2 + b^2 = 10^2$$

<b>a</b>	b = 10	<b>b</b>	b = 7
<b>c</b>	b = 5	<b>d</b>	b = 3
<b>e</b>	b = 4	<b>f</b>	b = 6

4

Find the value of 'c' in this equation

$$12^2 + 5^2 = c^2$$

<b>a</b>	c = 60	<b>b</b>	c = 14
<b>c</b>	c = 13	<b>d</b>	c = 16
<b>e</b>	c = 11	<b>f</b>	c = 12

5

Find the value of 'a' in this equation

$$a^2 + 12^2 = 13^2$$

<b>a</b>	a = 25	<b>b</b>	a = 5
<b>c</b>	a = 7	<b>d</b>	a = 156
<b>e</b>	a = 1	<b>f</b>	a = 13

6

Find the value of 'a' in this equation

$$a^2 + 4^2 = 5^2$$

<b>a</b>	a = 9	<b>b</b>	a = 5
<b>c</b>	a = 20	<b>d</b>	a = 3
<b>e</b>	a = 2	<b>f</b>	a = 4

7

Find the value of 'a' in this equation

$$a^2 + 5^2 = 13^2$$

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