



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

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**1** Find what the square of 'c' would be equal to

<b>a</b> $c^2 = 4$	<b>b</b> $c^2 = 50$	<b>c</b> $c^2 = 39$
<b>d</b> $c^2 = 8$	<b>e</b> $c^2 = 21$	<b>f</b> $c^2 = 29$

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

$$a = 5$$

$$b = 2$$

$$c = ?$$

**2** Find what the square of 'a' would be equal to

<b>a</b> $a^2 = 9$	<b>b</b> $a^2 = 122$
<b>c</b> $a^2 = 17$	<b>d</b> $a^2 = 65$
<b>e</b> $a^2 = 42$	<b>f</b> $a^2 = 77$

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

$$a = ?$$

$$b = 4$$

$$c = 9$$

**3** Find what the square of 'a' would be equal to

<b>a</b> $a^2 = 21$	<b>b</b> $a^2 = 25$
<b>c</b> $a^2 = 4$	<b>d</b> $a^2 = 9$
<b>e</b> $a^2 = 81$	<b>f</b> $a^2 = 400$

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

$$a = ?$$

$$b = 4$$

$$c = 5$$

**4** Find what the square of 'c' would be equal to

<b>a</b> $c^2 = 87$	<b>b</b> $c^2 = 140$
<b>c</b> $c^2 = 46$	<b>d</b> $c^2 = 36$
<b>e</b> $c^2 = 72$	<b>f</b> $c^2 = 103$

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

$$a = 6$$

$$b = 6$$

$$c = ?$$

**5** Find what the square of 'c' would be equal to

<b>a</b> $c^2 = 21$	<b>b</b> $c^2 = 77$	<b>c</b> $c^2 = 29$
<b>d</b> $c^2 = 50$	<b>e</b> $c^2 = 8$	<b>f</b> $c^2 = 92$

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

$$a = 5$$

$$b = 5$$

$$c = ?$$

**6** Find what the square of 'c' would be equal to

<b>a</b> $c^2 = 256$	<b>b</b> $c^2 = 16$
<b>c</b> $c^2 = 32$	<b>d</b> $c^2 = 54$
<b>e</b> $c^2 = 10$	<b>f</b> $c^2 = 64$

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

$$a = 4$$

$$b = 4$$

$$c = ?$$

**7** Find what the square of 'a' would be equal to

<b>a</b> $a^2 = 4$	<b>b</b> $a^2 = 22$	<b>c</b> $a^2 = 1$
<b>d</b> $a^2 = 23$	<b>e</b> $a^2 = 31$	<b>f</b> $a^2 = 16$

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

$$a = ?$$

$$b = 3$$

$$c = 5$$