Name

Pythagorean Equation from Variables - Length of Hypotenuse (Squared Values)

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

$$a^2 + b^2 = c^2$$
$$a = 5$$
$$b = 4$$
$$c = ?$$

A	B	C
$c^2 = 5$	$c^2 = 65$	$c^2 = 9$
D	E	F
$c^2 = 41$	$c^2 = 31$	$c^2 = 52$

2 Find what the square of 'c' would be equal to

$$a^2 + b^2 = c^2$$
$$a = 2$$
$$b = 5$$
$$c = ?$$

A	B
$c^2 = 100$	$c^2 = 8$
C	D
$c^2 = 14$	$c^2 = 49$
E	F
$c^2 = 29$	$c^2 = 50$

3 Find what the square of 'c' would be equal to

$$a^2 + b^2 = c^2$$
$$a = 5$$
$$b = 3$$
$$c = ?$$

A	B
$c^2 = 34$	$c^2 = 225$
C	D
$c^2 = 25$	$c^2 = 11$
E	F
$c^2 = 84$	$c^2 = 17$

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

$$a^2 + b^2 = c^2$$
$$a = 2$$
$$b = 4$$
$$c = ?$$

A	B	C
$c^2 = 1$	$c^2 = 12$	$c^2 = 20$
D	E	F
$c^2 = 28$	$c^2 = 4$	$c^2 = 38$

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

$$a^2 + b^2 = c^2$$
$$a = 4$$
$$b = 2$$
$$c = ?$$

A	B	C
$c^2 = 1$	$c^2 = 4$	$c^2 = 20$
D	E	F
$c^2 = 8$	$c^2 = 61$	$c^2 = 12$

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

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

A	B	C
$c^2 = 16$	$c^2 = 2$	$c^2 = 38$
D	E	F
$c^2 = 1$	$c^2 = 8$	$c^2 = 13$

7 Find what the square of 'c' would be equal to

$$a^2 + b^2 = c^2$$
$$a = 3$$
$$b = 5$$
$$c = ?$$

A	B	C
$c^2 = 34$	$c^2 = 11$	$c^2 = 25$
D	E	F
$c^2 = 70$	$c^2 = 16$	$c^2 = 45$

8 Find what the square of 'c' would be equal to

$$a^2 + b^2 = c^2$$
$$a = 3$$
$$b = 2$$
$$c = ?$$

A	B	C
$c^2 = 20$	$c^2 = 13$	$c^2 = 1$
D	E	F
$c^2 = 8$	$c^2 = 4$	$c^2 = 38$