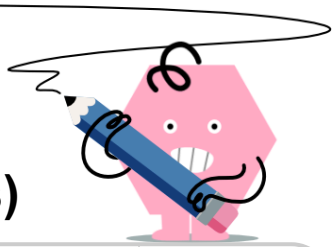
Name

Pythagorean Equation from Variables - Either Missing Length (Squared Values)



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

$$a^2 + b^2 = c^2$$
$$a = 3$$
$$b = 6$$
$$c = ?$$

A $c^2 = 45$ B $c^2 = 324$
C $c^2 = 34$ D $c^2 = 11$
E $c^2 = 57$ F $c^2 = 101$

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

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

A $a^2 = 25$ B $a^2 = 21$
C $a^2 = 400$ D $a^2 = 4$
E $a^2 = 9$ F $a^2 = 81$

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

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

A $c^2 = 61$ B $c^2 = 64$ C $c^2 = 4$
D $c^2 = 1$ E $c^2 = 20$ F $c^2 = 28$

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

$$a^2 + b^2 = c^2$$
$$a = ?$$
$$b = 3$$
$$c = 4$$

A $a^2 = 1$ B $a^2 = 7$ C $a^2 = 22$
D $a^2 = 3$ E $a^2 = 6$ F $a^2 = 14$

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

$$a^2 + b^2 = c^2$$
$$a = 6$$
$$b = 6$$
$$c = ?$$

A $c^2 = 72$ B $c^2 = 103$
C $c^2 = 36$ D $c^2 = 87$
E $c^2 = 140$ F $c^2 = 46$

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

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

A $c^2 = 50$ B $c^2 = 21$ C $c^2 = 8$
D $c^2 = 29$ E $c^2 = 39$ F $c^2 = 4$

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

$$a^2 + b^2 = c^2$$
$$a = 6$$
$$b = 5$$
$$c = ?$$

A $c^2 = 121$ B $c^2 = 125$
C $c^2 = 28$ D $c^2 = 61$
E $c^2 = 107$ F $c^2 = 13$

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

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

A $c^2 = 54$ B $c^2 = 64$
C $c^2 = 256$ D $c^2 = 32$
E $c^2 = 10$ F $c^2 = 16$