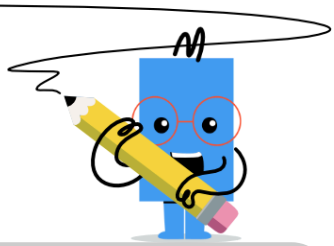
Name

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



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

$$a^2 + b^2 = c^2$$
$$a = ?$$
$$b = 3$$
$$c = 8$$

A $a^2 = 55$
B $a^2 = 121$
C $a^2 = 41$
D $a^2 = 61$
E $a^2 = 576$
F $a^2 = 6$

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

$$a^2 + b^2 = c^2$$
$$a = ?$$
$$b = 4$$
$$c = 6$$

A $a^2 = 32$
B $a^2 = 20$
C $a^2 = 5$
D $a^2 = 12$
E $a^2 = 24$
F $a^2 = 100$

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

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

A $a^2 = 36$
B $a^2 = 8$
C $a^2 = 42$
D $a^2 = 15$
E $a^2 = 12$
F $a^2 = 20$

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

$$a^2 + b^2 = c^2$$
$$a = ?$$
$$b = 5$$
$$c = 8$$

A $a^2 = 59$
B $a^2 = 32$
C $a^2 = 10$
D $a^2 = 39$
E $a^2 = 19$
F $a^2 = 56$

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

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

A $a^2 = 21$
B $a^2 = 23$
C $a^2 = 43$
D $a^2 = 5$
E $a^2 = 100$
F $a^2 = 17$

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

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

A $a^2 = 5$
B $a^2 = 39$
C $a^2 = 2$
D $a^2 = 8$
E $a^2 = 36$
F $a^2 = 10$

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

$$a^2 + b^2 = c^2$$
$$a = ?$$
$$b = 4$$
$$c = 9$$

A $a^2 = 65$
B $a^2 = 17$
C $a^2 = 127$
D $a^2 = 1,296$
E $a^2 = 77$
F $a^2 = 16$

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

$$a^2 + b^2 = c^2$$
$$a = 4$$
$$b = ?$$
$$c = 9$$

A $b^2 = 110$
B $b^2 = 122$
C $b^2 = 65$
D $b^2 = 17$
E $b^2 = 53$
F $b^2 = 77$