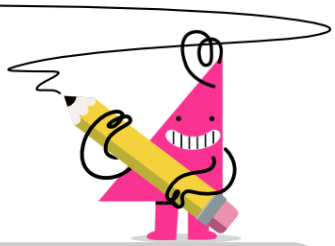
Name



Pythagorean Equation from Variables - Either Missing Length (Integer)

1 Find the value of 'a' in this equation

$$a^2 + b^2 = c^2$$
$$a = ?$$
$$b = 12$$
$$c = 20$$

A a = 13	B a = 17
C a = 16	D a = 21
E a = 240	F a = 8

2 Find the value of 'b' in this equation

$$a^2 + b^2 = c^2$$
$$a = 12$$
$$b = ?$$
$$c = 20$$

A b = 20	B b = 13
C b = 19	D b = 32
E b = 8	F b = 16

3 Find the value of 'a' in this equation

$$a^2 + b^2 = c^2$$
$$a = ?$$
$$b = 6$$
$$c = 10$$

A a = 5	B a = 60
C a = 6	D a = 10
E a = 8	F a = 16

4 Find the value of 'a' in this equation

$$a^2 + b^2 = c^2$$
$$a = ?$$
$$b = 8$$
$$c = 10$$

A a = 4	B a = 18
C a = 8	D a = 7
E a = 6	F a = 10

5 Find the value of 'b' in this equation

$$a^2 + b^2 = c^2$$
$$a = 8$$
$$b = ?$$
$$c = 10$$

A b = 80	B b = 6
C b = 10	D b = 18
E b = 7	F b = 4

6 Find the value of 'b' in this equation

$$a^2 + b^2 = c^2$$
$$a = 5$$
$$b = ?$$
$$c = 13$$

A b = 18	B b = 65
C b = 11	D b = 14
E b = 12	F b = 9

7 Find the value of 'c' in this equation

$$a^2 + b^2 = c^2$$
$$a = 5$$
$$b = 12$$
$$c = ?$$

A c = 16	B c = 12
C c = 60	D c = 17
E c = 13	F c = 11

8 Find the value of 'a' in this equation

$$a^2 + b^2 = c^2$$
$$a = ?$$
$$b = 9$$
$$c = 15$$

A a = 13	B a = 8
C a = 24	D a = 16
E a = 10	F a = 12