Name

Pythagorean Equation from Variables - Length of Side (Integer)

1 Find the value of 'a' in this equation

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

A: a = 18	B: a = 7
C: a = 6	D: a = 80
E: a = 10	F: a = 3

2 Find the value of 'a' in this equation

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

A: a = 4	B: a = 8
C: a = 12	D: a = 16
E: a = 9	F: a = 10

3 Find the value of 'a' in this equation

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

A: a = 7	B: a = 8
C: a = 13	D: a = 14
E: a = 16	F: a = 12

4 Find the value of 'b' in this equation

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

A: b = 7	B: b = 2
C: b = 8	D: b = 1
E: b = 4	F: b = 15

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 = 18
C: b = 6	D: b = 8
E: b = 7	F: b = 5

6 Find the value of 'b' in this equation

$$a^2 + b^2 = c^2$$
$$a = 12$$
$$b = ?$$
$$c = 15$$

A: b = 9	B: b = 6
C: b = 8	D: b = 5
E: b = 4	F: b = 12

7 Find the value of 'b' in this equation

$$a^2 + b^2 = c^2$$
$$a = 16$$
$$b = ?$$
$$c = 20$$

A: b = 11	B: b = 320
C: b = 20	D: b = 13
E: b = 12	F: b = 15

8 Find the value of 'b' in this equation

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

A: b = 3	B: b = 7	C: b = 4
D: b = 1	E: b = 2	F: b = 5