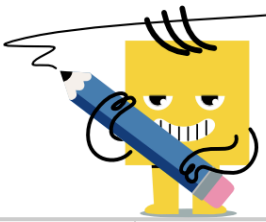
Name

Pythagorean Equation from Variables - Either Missing Length (Decimal)



1 Approximate the value of 'a' in this equation

$$a^2 + b^2 = c^2$$
$$a = ?$$
$$b = 4$$
$$c = 7$$

A: a = 1.7	B: a = 11
C: a = 6.7	D: a = 5.7
E: a = 2.7	F: a = 3.4

2 Approximate the value of 'c' in this equation

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

A: c = 8.9	B: c = 9
C: c = 3.9	D: c = 6.4
E: c = 7.2	F: c = 3

3 Approximate the value of 'c' in this equation

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

A: c = 6.1	B: c = 3.6
C: c = 5	D: c = 1.9
E: c = 4.4	F: c = 5.3

4 Approximate the value of 'a' in this equation

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

A: a = 6	B: a = 3.1
C: a = 1	D: a = 2.2
E: a = 2.6	F: a = 2

5 Approximate the value of 'b' in this equation

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

A: b = 11.3	B: b = 13
C: b = 36	D: b = 8.8
E: b = 5.1	F: b = 8.1

6 Approximate the value of 'a' in this equation

$$a^2 + b^2 = c^2$$
$$a = ?$$
$$b = 6$$
$$c = 8$$

A: a = 2.3	B: a = 2.6
C: a = 5.3	D: a = 6.3
E: a = 3.2	F: a = 7.3

7 Approximate the value of 'c' in this equation

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

A: c = 6	B: c = 8
C: c = 4.5	D: c = 3.5
E: c = 3.6	F: c = 7.8

8 Approximate the value of 'c' in this equation

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

A: c = 5.7	B: c = 1
C: c = 4	D: c = 2.3
E: c = 6.5	F: c = 8