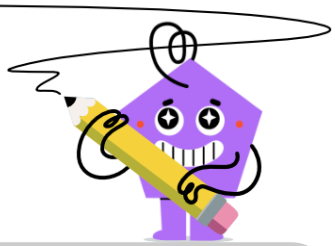
Name

Pythagorean Equation from Variables - Length of Hypotenuse (Decimal)



1 Approximate the value of 'c' in this equation

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

A: c = 6.1	B: c = 7
C: c = 11	D: c = 3.3
E: c = 8.7	F: c = 7.8

2 Approximate the value of 'c' in this equation

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

A: c = 5	B: c = 2.6
C: c = 3.3	D: c = 4.2
E: c = 12	F: c = 1.6

3 Approximate the value of 'c' in this equation

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

A: c = 15	B: c = 8.4
C: c = 4	D: c = 7.5
E: c = 5.8	F: c = 1.6

4 Approximate the value of 'c' in this equation

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

A: c = 8.4	B: c = 9.2
C: c = 4	D: c = 1.6
E: c = 5.8	F: c = 2.5

5 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 = 2.2
C: c = 7.2	D: c = 6.4
E: c = 3	F: c = 4.7

6 Approximate the value of 'c' in this equation

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

A: c = 9.6	B: c = 7.9
C: c = 2.9	D: c = 1
E: c = 3.7	F: c = 7.1

7 Approximate the value of 'c' in this equation

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

A: c = 4.5	B: c = 8
C: c = 1.1	D: c = 1
E: c = 3.6	F: c = 7

8 Approximate the value of 'c' in this equation

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

A: c = 9.7	B: c = 6.3
C: c = 8	D: c = 8.8
E: c = 2.1	F: c = 5.5