



Pythagorean Equation from Squares - Length of Hypotenuse (Decimal)

1 Approximate the value of 'c' in this equation

$$3^2 + 6^2 = c^2$$

| | | | |
|---|---------|---|--------|
| A | c = 3.3 | B | c = 5 |
| C | c = 6.7 | D | c = 9 |
| E | c = 5.9 | F | c = 18 |

2 Approximate the value of 'c' in this equation

$$6^2 + 4^2 = c^2$$

| | | | |
|---|---------|---|----------|
| A | c = 9.7 | B | c = 24 |
| C | c = 7.2 | D | c = 10 |
| E | c = 8.1 | F | c = 10.6 |

3 Approximate the value of 'c' in this equation

$$5^2 + 2^2 = c^2$$

| | | | |
|---|---------|---|---------|
| A | c = 1.2 | B | c = 7.1 |
| C | c = 7.9 | D | c = 5.4 |
| E | c = 2 | F | c = 10 |

4 Approximate the value of 'c' in this equation

$$3^2 + 4^2 = c^2$$

| | | | |
|---|---------|---|---------|
| A | c = 7.5 | B | c = 12 |
| C | c = 5 | D | c = 1.6 |
| E | c = 4.2 | F | c = 1 |

5 Approximate the value of 'c' in this equation

$$3^2 + 2^2 = c^2$$

| | | | |
|---|---------|---|---------|
| A | c = 1 | B | c = 6.1 |
| C | c = 3.6 | D | c = 6 |
| E | c = 5 | F | c = 2.8 |

6 Approximate the value of 'c' in this equation

$$2^2 + 3^2 = c^2$$

| | | | |
|---|---------|---|---------|
| A | c = 3.6 | B | c = 2.2 |
| C | c = 4.4 | D | c = 5.3 |
| E | c = 6.1 | F | c = 5 |

7 Approximate the value of 'c' in this equation

$$4^2 + 6^2 = c^2$$

| | | | |
|---|----------|---|---------|
| A | c = 8.1 | B | c = 7.2 |
| C | c = 3.9 | D | c = 10 |
| E | c = 10.6 | F | c = 5.5 |

8 Approximate the value of 'c' in this equation

$$3^2 + 5^2 = c^2$$

| | | | |
|---|---------|---|---------|
| A | c = 1.6 | B | c = 7.5 |
| C | c = 9.2 | D | c = 5.8 |
| E | c = 8 | F | c = 4.2 |