



## Pythagorean Equation from Values - Length of Hypotenuse (Decimal)

**1** Approximate the value of 'c' in this equation

$$9 + 4 = c^2$$

|   |         |   |         |
|---|---------|---|---------|
| A | c = 2.2 | B | c = 7   |
| C | c = 4.4 | D | c = 3.6 |
| E | c = 5   | F | c = 1.1 |

**2** Approximate the value of 'c' in this equation

$$9 + 16 = c^2$$

|   |       |   |         |
|---|-------|---|---------|
| A | c = 5 | B | c = 5.8 |
| C | c = 7 | D | c = 2.6 |
| E | c = 1 | F | c = 8.4 |

**3** Approximate the value of 'c' in this equation

$$9 + 9 = c^2$$

|   |         |   |         |
|---|---------|---|---------|
| A | c = 1   | B | c = 2.6 |
| C | c = 3.4 | D | c = 4.2 |
| E | c = 1.7 | F | c = 6   |

**4** Approximate the value of 'c' in this equation

$$16 + 4 = c^2$$

|   |         |   |         |
|---|---------|---|---------|
| A | c = 5.3 | B | c = 3.5 |
| C | c = 3.6 | D | c = 8   |
| E | c = 4.5 | F | c = 7.8 |

**5** Approximate the value of 'c' in this equation

$$36 + 25 = c^2$$

|   |         |   |          |
|---|---------|---|----------|
| A | c = 7.8 | B | c = 7    |
| C | c = 3.3 | D | c = 10.3 |
| E | c = 3.6 | F | c = 11   |

**6** Approximate the value of 'c' in this equation

$$4 + 36 = c^2$$

|   |         |   |         |
|---|---------|---|---------|
| A | c = 5.7 | B | c = 8.8 |
| C | c = 6.3 | D | c = 4.6 |
| E | c = 3   | F | c = 12  |

**7** Approximate the value of 'c' in this equation

$$9 + 25 = c^2$$

|   |         |   |         |
|---|---------|---|---------|
| A | c = 3.3 | B | c = 5.8 |
| C | c = 8   | D | c = 2.5 |
| E | c = 7.5 | F | c = 9.2 |

**8** Approximate the value of 'c' in this equation

$$36 + 4 = c^2$$

|   |         |   |         |
|---|---------|---|---------|
| A | c = 7.2 | B | c = 9.7 |
| C | c = 6.3 | D | c = 5.5 |
| E | c = 8.8 | F | c = 3.8 |