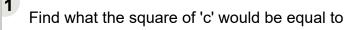


Math worksheet on 'Pythagorean Equation from Squares - Length of Side (Squared Values) (Level 1)'. Part of a broader unit on 'Pythagoras - Foundations'

Learn online: app.mobius.academy/math/units/pythagoras foundations/



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

| а          | b        | C          | d          | е       | f          |
|------------|----------|------------|------------|---------|------------|
| $c^2 = 56$ | $c^2=11$ | $c^2 = 45$ | $c^2 = 84$ | $c^2=3$ | $c^2 = 34$ |
|            |          |            |            |         |            |

**2** Find what the square of 'c' would be equal to

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

| a         | b       | C          | d           | е         | f          |
|-----------|---------|------------|-------------|-----------|------------|
| $c^2 = 2$ | $c^2=1$ | $c^2 = 20$ | $c^{2} = 8$ | $c^2 = 4$ | $c^2 = 29$ |
|           |         |            |             |           |            |

Find what the square of 'c' would be equal to

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

| a | $c^2=50$   | $oldsymbol{b}$ $c^2=29$  |  |
|---|------------|--------------------------|--|
| C | $c^2 = 62$ | $c^2=4$                  |  |
| е | $c^2=21$   | $oldsymbol{f}$ $c^2=100$ |  |

Find what the square of 'c' would be equal to

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

| a | $c^2 = 18$  | b | $c^2 = 45$ |
|---|-------------|---|------------|
| C | $c^2 = 101$ | d | $c^2 = 27$ |
| е | $c^2 = 324$ | f | $c^2 = 6$  |

Find what the square of 'c' would be equal to

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

| u | $c^{\scriptscriptstyle -}=$ 95 |   | $c^- = 20$  |
|---|--------------------------------|---|-------------|
| C | $c^2 = 52$                     | d | $c^2 = 112$ |
| е | $c^2 = 22$                     | f | $c^2 = 100$ |

Find what the square of 'c' would be equal to

$$5^2 + 6^2 = c^2$$

| a | $c^2 = 20$ | b | $c^2 = 900$ |  |
|---|------------|---|-------------|--|
| C | $c^2=$ 125 | d | $c^2 = 61$  |  |
| е | $c^2 = 28$ | f | $c^2=11$    |  |

Find what the square of 'b' would be equal to

$$2^2 + b^2 = 8^2$$

| а | $b^2 = 14$ | D | $b^2 = 60$  |  |
|---|------------|---|-------------|--|
| C | $b^2 = 62$ | d | $b^2 = 115$ |  |
| е | $b^2 = 86$ | f | $b^2 = 256$ |  |