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

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

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

a	$c^2 = 14$	b	$c^2 = 50$
c	$c^2 = 1$	d	$c^2 = 100$
e	$c^2 = 625$	f	$c^2 = 109$

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

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

a	$c^2 = 3$	b	$c^2 = 11$
c	$c^2 = 17$	d	$c^2 = 225$
e	$c^2 = 64$	f	$c^2 = 34$

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

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

a	$c^2 = 25$	b	$c^2 = 49$
c	$c^2 = 17$	d	$c^2 = 144$
e	$c^2 = 34$	f	$c^2 = 70$

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

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

a	b	c	d	e	f
$c^2 = 20$	$c^2 = 8$	$c^2 = 1$	$c^2 = 2$	$c^2 = 16$	$c^2 = 4$

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

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

a	$c^2 = 28$	b	$c^2 = 75$
c	$c^2 = 38$	d	$c^2 = 61$
e	$c^2 = 121$	f	$c^2 = 107$

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

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

a	b	c	d	e	f
$c^2 = 20$	$c^2 = 8$	$c^2 = 36$	$c^2 = 12$	$c^2 = 13$	$c^2 = 1$

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

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

a	b	c	d	e	f
$c^2 = 4$	$c^2 = 1$	$c^2 = 20$	$c^2 = 28$	$c^2 = 13$	$c^2 = 36$