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

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

$$4^2 + b^2 = 9^2$$

a	$b^2 = 77$	b	$b^2 = 42$
c	$b^2 = 23$	d	$b^2 = 65$
e	$b^2 = 110$	f	$b^2 = 16$

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

$$2^2 + b^2 = 3^2$$

a	b	c	d	e	f
$b^2 = 5$	$b^2 = 7$	$b^2 = 36$	$b^2 = 25$	$b^2 = 6$	$b^2 = 1$

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

$$2^2 + b^2 = 4^2$$

a	b	c	d	e	f
$b^2 = 12$	$b^2 = 36$	$b^2 = 8$	$b^2 = 6$	$b^2 = 20$	$b^2 = 64$

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

$$a^2 + 3^2 = 8^2$$

a	$a^2 = 130$	b	$a^2 = 14$
c	$a^2 = 55$	d	$a^2 = 61$
e	$a^2 = 29$	f	$a^2 = 79$

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

$$3^2 + b^2 = 6^2$$

a	$b^2 = 53$	b	$b^2 = 85$
c	$b^2 = 27$	d	$b^2 = 52$
e	$b^2 = 324$	f	$b^2 = 33$

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

$$a^2 + 2^2 = 9^2$$

a	$a^2 = 14$	b	$a^2 = 60$
c	$a^2 = 33$	d	$a^2 = 77$
e	$a^2 = 151$	f	$a^2 = 96$

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

$$5^2 + b^2 = 6^2$$

a	$b^2 = 9$	b	$b^2 = 900$
c	$b^2 = 54$	d	$b^2 = 19$
e	$b^2 = 11$	f	$b^2 = 31$