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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 'a' would be equal to

$$a^2 + 5^2 = 8^2$$

a	$a^2 = 14$	**b**	$a^2 = 59$
c	$a^2 = 39$	**d**	$a^2 = 76$
e	$a^2 = 85$	**f**	$a^2 = 169$

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

$$a^2 + 5^2 = 6^2$$

a	$a^2 = 11$	**b**	$a^2 = 900$
c	$a^2 = 121$	**d**	$a^2 = 16$
e	$a^2 = 3$	**f**	$a^2 = 31$

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

$$4^2 + b^2 = 7^2$$

a	$b^2 = 12$	**b**	$b^2 = 8$
c	$b^2 = 33$	**d**	$b^2 = 1$
e	$b^2 = 40$	**f**	$b^2 = 121$

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

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

a	$b^2 = 110$	**b**	$b^2 = 1,296$
c	$b^2 = 77$	**d**	$b^2 = 79$
e	$b^2 = 65$	**f**	$b^2 = 26$

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

$$4^2 + b^2 = 5^2$$

a	$b^2 = 4$	**b**	$b^2 = 21$
c	$b^2 = 9$	**d**	$b^2 = 1$
e	$b^2 = 400$	**f**	$b^2 = 6$

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

$$a^2 + 5^2 = 7^2$$

a	$a^2 = 24$	**b**	$a^2 = 144$
c	$a^2 = 9$	**d**	$a^2 = 47$
e	$a^2 = 79$	**f**	$a^2 = 4$

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

$$a^2 + 6^2 = 7^2$$

a	$a^2 = 22$	**b**	$a^2 = 21$
c	$a^2 = 13$	**d**	$a^2 = 169$
e	$a^2 = 2$	**f**	$a^2 = 8$