Math worksheet on *'Pythagorean Equation from Values - 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

$$25 + b^2 = 64$$

a	$b^2 = 18$	**b**	$b^2 = 66$
c	$b^2 = 52$	**d**	$b^2 = 14$
e	$b^2 = 105$	**f**	$b^2 = 39$

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

$$9 + b^2 = 25$$

a	**b**	**c**	**d**	**e**	**f**
$b^2 = 27$	$b^2 = 6$	$b^2 = 22$	$b^2 = 10$	$b^2 = 64$	$b^2 = 16$

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

$$25 + b^2 = 81$$

a	$b^2 = 20$	**b**	$b^2 = 110$
c	$b^2 = 56$	**d**	$b^2 = 196$
e	$b^2 = 30$	**f**	$b^2 = 14$

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

$$16 + b^2 = 49$$

a	**b**	**c**	**d**	**e**	**f**
$b^2 = 45$	$b^2 = 8$	$b^2 = 60$	$b^2 = 33$	$b^2 = 56$	$b^2 = 12$

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

$$9 + b^2 = 16$$

a	$b^2 = 49$	**b**	$b^2 = 13$
c	$b^2 = 144$	**d**	$b^2 = 7$
e	$b^2 = 2$	**f**	$b^2 = 22$

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

$$a^2 + 36 = 49$$

a	$a^2 = 169$	**b**	$a^2 = 6$
c	$a^2 = 1$	**d**	$a^2 = 13$
e	$a^2 = 3$	**f**	$a^2 = 1,764$

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

$$a^2 + 16 = 49$$

a	**b**	**c**	**d**	**e**	**f**
$a^2 = 40$	$a^2 = 33$	$a^2 = 12$	$a^2 = 45$	$a^2 = 8$	$a^2 = 95$