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

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1 Find the value of 'c' in this equation

$$a^2 + b^2 = c^2$$
$$a = 3$$
$$b = 4$$
$$c = ?$$

a c = 3	**b** c = 4	**c** c = 2
d c = 7	**e** c = 5	**f** c = 8

2 Find the value of 'b' in this equation

$$a^2 + b^2 = c^2$$
$$a = 5$$
$$b = ?$$
$$c = 13$$

a b = 13	**b** b = 10	
c b = 18	**d** b = 8	
e b = 12	**f** b = 65	

3 Find the value of 'a' in this equation

$$a^2 + b^2 = c^2$$
$$a = ?$$
$$b = 12$$
$$c = 13$$

a a = 4	**b** a = 5	
c a = 6	**d** a = 156	
e a = 2	**f** a = 25	

4 Find the value of 'a' in this equation

$$a^2 + b^2 = c^2$$
$$a = ?$$
$$b = 8$$
$$c = 10$$

a a = 10	**b** a = 80	
c a = 7	**d** a = 6	
e a = 3	**f** a = 1	

5 Find the value of 'c' in this equation

$$a^2 + b^2 = c^2$$
$$a = 5$$
$$b = 12$$
$$c = ?$$

a c = 11	**b** c = 9	
c c = 14	**d** c = 12	
e c = 17	**f** c = 13	

6 Find the value of 'b' in this equation

$$a^2 + b^2 = c^2$$
$$a = 3$$
$$b = ?$$
$$c = 5$$

a b = 8	**b** b = 5	**c** b = 4
d b = 6	**e** b = 3	**f** b = 1

7 Find the value of 'b' in this equation

$$a^2 + b^2 = c^2$$
$$a = 12$$
$$b = ?$$
$$c = 13$$

a b = 156	**b** b = 7	
c b = 3	**d** b = 5	
e b = 25	**f** b = 6	