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

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1 Find the value of 'a' in this equation

$$a^2 + 36 = 100$$

a	a = 8	b	a = 5
c	a = 60	d	a = 9
e	a = 11	f	a = 10

2 Find the value of 'b' in this equation

$$144 + b^2 = 169$$

a	b = 3	b	b = 7
c	b = 8	d	b = 5
e	b = 1	f	b = 13

3 Find the value of 'a' in this equation

$$a^2 + 144 = 169$$

a	a = 25	b	a = 7
c	a = 5	d	a = 4
e	a = 1	f	a = 13

4 Find the value of 'a' in this equation

$$a^2 + 9 = 25$$

a	a = 5	b	a = 1
c	a = 8	d	a = 15
e	a = 4	f	a = 3

5 Find the value of 'a' in this equation

$$a^2 + 25 = 169$$

a	a = 10	b	a = 14
c	a = 12	d	a = 7
e	a = 13	f	a = 6

6 Find the value of 'b' in this equation

$$36 + b^2 = 100$$

a	b = 12	b	b = 10
c	b = 11	d	b = 7
e	b = 5	f	b = 8

7 Find the value of 'a' in this equation

$$a^2 + 64 = 100$$

a	a = 10	b	a = 6
c	a = 80	d	a = 4
e	a = 7	f	a = 8