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

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1 Approximate the value of 'b' in this equation

$$4 + b^2 = 64$$

a	b = 4.6	**b**	b = 8.7
c	b = 10.8	**d**	b = 7.7
e	b = 16	**f**	b = 5.4

2 Approximate the value of 'a' in this equation

$$a^2 + 9 = 36$$

a	a = 6.2	**b**	a = 9
c	a = 4.2	**d**	a = 3.6
e	a = 4.7	**f**	a = 5.2

3 Approximate the value of 'a' in this equation

$$a^2 + 4 = 81$$

a	a = 6.8	**b**	a = 11
c	a = 5.3	**d**	a = 6.1
e	a = 9.8	**f**	a = 8.8

4 Approximate the value of 'a' in this equation

$$a^2 + 16 = 49$$

a	a = 2.9	**b**	a = 11
c	a = 7.7	**d**	a = 6.9
e	a = 5.7	**f**	a = 28

5 Approximate the value of 'a' in this equation

$$a^2 + 4 = 36$$

a	a = 5.1	**b**	a = 5.7
c	a = 7.4	**d**	a = 6.7
e	a = 4.7	**f**	a = 8

6 Approximate the value of 'a' in this equation

$$a^2 + 4 = 64$$

a	a = 10	**b**	a = 5.4
c	a = 7.9	**d**	a = 5.7
e	a = 7.7	**f**	a = 4.6

7 Approximate the value of 'a' in this equation

$$a^2 + 36 = 49$$

a	a = 3.6	**b**	a = 13
c	a = 42	**d**	a = 6.6
e	a = 2.2	**f**	a = 1.6