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Math worksheet on *'Pythagorean Equation from Values - Length of Side (Decimal) (Level 1)'*. Part of a broader unit on *'Pythagorean Theorem with Decimals - Intro'*

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1 Approximate the value of 'a' in this equation

$$a^2 + 16 = 36$$

a	a = 3.6	**b**	a = 6.3
c	a = 5.7	**d**	a = 4.5
e	a = 4	**f**	a = 24

2 Approximate the value of 'a' in this equation

$$a^2 + 25 = 64$$

a	a = 8.2	**b**	a = 10.2
c	a = 6.2	**d**	a = 3.2
e	a = 7.2	**f**	a = 9.2

3 Approximate the value of 'a' in this equation

$$a^2 + 4 = 36$$

a	a = 7.7	**b**	a = 4
c	a = 6.7	**d**	a = 7.9
e	a = 5.7	**f**	a = 5.8

4 Approximate the value of 'b' in this equation

$$4 + b^2 = 9$$

a	b = 2.2	**b**	b = 5
c	b = 2.6	**d**	b = 1.8
e	b = 1.6	**f**	b = 1.1

5 Approximate the value of 'a' in this equation

$$a^2 + 16 = 64$$

a	a = 6.2	**b**	a = 12
c	a = 7.7	**d**	a = 7.9
e	a = 8.3	**f**	a = 6.9

6 Approximate the value of 'a' in this equation

$$a^2 + 4 = 25$$

a	a = 1	**b**	a = 3.2
c	a = 5	**d**	a = 4.6
e	a = 4.8	**f**	a = 6

7 Approximate the value of 'b' in this equation

$$9 + b^2 = 49$$

a	b = 6.8	**b**	b = 3.2
c	b = 8.9	**d**	b = 6.3
e	b = 5.1	**f**	b = 2.3