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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

$$a^2 + 36 = 81$$

a	a = 6.7	b	a = 8.7
c	a = 1.7	d	a = 3.7
e	a = 2.7	f	a = 5.7

2 Approximate the value of 'a' in this equation

$$a^2 + 9 = 25$$

a	a = 6	b	a = 15
c	a = 4	d	a = 4.4
e	a = 3.2	f	a = 3

3 Approximate the value of 'b' in this equation

$$9 + b^2 = 25$$

a	b = 4.8	b	b = 6
c	b = 4.7	d	b = 2.8
e	b = 3	f	b = 4

4 Approximate the value of 'a' in this equation

$$a^2 + 9 = 16$$

a	a = 2.6	b	a = 7
c	a = 12	d	a = 1.6
e	a = 5.6	f	a = 1.3

5 Approximate the value of 'a' in this equation

$$a^2 + 16 = 64$$

a	a = 6.2	b	a = 32
c	a = 6.9	d	a = 5.9
e	a = 9.9	f	a = 12

6 Approximate the value of 'a' in this equation

$$a^2 + 36 = 64$$

a	a = 4.2	b	a = 5.8
c	a = 7.6	d	a = 5.3
e	a = 2.6	f	a = 8.3

7 Approximate the value of 'b' in this equation

$$4 + b^2 = 25$$

a	b = 5.6	b	b = 3.7
c	b = 2.6	d	b = 4.8
e	b = 4.6	f	b = 2.7