Math worksheet on *'Pythagorean Equation from Squares - Either Missing Length (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

$$a^2 + 3^2 = 7^2$$

a	a = 3.8	**b**	a = 21
c	a = 10	**d**	a = 6.3
e	a = 8.2	**f**	a = 7.3

2 Approximate the value of 'b' in this equation

$$4^2 + b^2 = 5^2$$

a	b = 3	**b**	b = 1.5
c	b = 2	**d**	b = 9
e	b = 20	**f**	b = 4.6

3 Approximate the value of 'c' in this equation

$$4^2 + 6^2 = c^2$$

a	c = 5.5	**b**	c = 7.2
c	c = 4.7	**d**	c = 8.1
e	c = 9.7	**f**	c = 4.5

4 Approximate the value of 'c' in this equation

$$2^2 + 4^2 = c^2$$

a	c = 6.2	**b**	c = 4.5
c	c = 6	**d**	c = 3.5
e	c = 3.6	**f**	c = 5.3

5 Approximate the value of 'a' in this equation

$$a^2 + 4^2 = 5^2$$

a	a = 4	**b**	a = 3
c	a = 3.3	**d**	a = 4.6
e	a = 2.1	**f**	a = 9

6 Approximate the value of 'c' in this equation

$$5^2 + 3^2 = c^2$$

a	c = 5.8	**b**	c = 9.2
c	c = 8	**d**	c = 7.5
e	c = 2.5	**f**	c = 15

7 Approximate the value of 'b' in this equation

$$4^2 + b^2 = 8^2$$

a	b = 1.9	**b**	b = 9.7
c	b = 6.9	**d**	b = 9.9
e	b = 7.9	**f**	b = 5.5