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

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1 Approximate the value of 'c' in this equation

$$a^2 + b^2 = c^2$$
$$a = 5$$
$$b = 4$$
$$c = ?$$

a c = 6.4	**b** c = 2.2
c c = 5.6	**d** c = 7.2
e c = 4.7	**f** c = 3

2 Approximate the value of 'c' in this equation

$$a^2 + b^2 = c^2$$
$$a = 2$$
$$b = 3$$
$$c = ?$$

a c = 4.4	**b** c = 3.6
c c = 5.3	**d** c = 2.2
e c = 1	**f** c = 6

3 Approximate the value of 'c' in this equation

$$a^2 + b^2 = c^2$$
$$a = 2$$
$$b = 4$$
$$c = ?$$

a c = 3.5	**b** c = 6.2
c c = 7.8	**d** c = 2.8
e c = 5.3	**f** c = 4.5

4 Approximate the value of 'c' in this equation

$$a^2 + b^2 = c^2$$
$$a = 4$$
$$b = 6$$
$$c = ?$$

a c = 3.9	**b** c = 6.4
c c = 5.5	**d** c = 10
e c = 7.2	**f** c = 4.7

5 Approximate the value of 'c' in this equation

$$a^2 + b^2 = c^2$$
$$a = 5$$
$$b = 5$$
$$c = ?$$

a c = 7.1	**b** c = 10
c c = 4.6	**d** c = 2.9
e c = 6.2	**f** c = 25

6 Approximate the value of 'c' in this equation

$$a^2 + b^2 = c^2$$
$$a = 5$$
$$b = 2$$
$$c = ?$$

a c = 1.2	**b** c = 8.7
c c = 5.4	**d** c = 6.2
e c = 7.9	**f** c = 4.6

7 Approximate the value of 'c' in this equation

$$a^2 + b^2 = c^2$$
$$a = 6$$
$$b = 2$$
$$c = ?$$

a c = 9.7	**b** c = 2.1
c c = 7.2	**d** c = 4.6
e c = 6.3	**f** c = 8