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

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1 Approximate the value of 'c' in this equation

$$a^2 + b^2 = c^2$$
$$a = 5$$
$$b = 3$$
$$c = ?$$

a c = 5.8	**b** c = 8.4
c c = 4	**d** c = 9.2
e c = 2.5	**f** c = 4.2

2 Approximate the value of 'c' in this equation

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

a c = 7.6	**b** c = 4.2
c c = 5.1	**d** c = 6
e c = 1.7	**f** c = 1

3 Approximate the value of 'c' in this equation

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

a c = 3.7	**b** c = 2.9
c c = 7.1	**d** c = 1
e c = 6.2	**f** c = 10.4

4 Approximate the value of 'c' in this equation

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

a c = 2.9	**b** c = 1.2
c c = 8.7	**d** c = 4.6
e c = 5.4	**f** c = 10

5 Approximate the value of 'c' in this equation

$$a^2 + b^2 = c^2$$
$$a = 3$$
$$b = 4$$
$$c = ?$$

a c = 12	**b** c = 2.5
c c = 4.2	**d** c = 5.8
e c = 5	**f** c = 7

6 Approximate the value of 'c' in this equation

$$a^2 + b^2 = c^2$$
$$a = 3$$
$$b = 6$$
$$c = ?$$

a c = 4.2	**b** c = 3.3
c c = 6.7	**d** c = 10.1
e c = 2.5	**f** c = 5.9

7 Approximate the value of 'c' in this equation

$$a^2 + b^2 = c^2$$
$$a = 5$$
$$b = 6$$
$$c = ?$$

a c = 3.6	**b** c = 10.3
c c = 5.3	**d** c = 7.8
e c = 11	**f** c = 9.5