Pythagoras' Theorem – Lesson 6 – ANSWERS

1) 8.5cm   **2)** 9.4cm   **3)** 6.4cm   **4)** 10.3cm   **5)** 6.6cm   **6)** 4.7cm

7) Find x^2 first, not x. Need to find the square root of 34.

8) Doubled the numbers instead of squaring them.

9) Finding the length of one of the shorter sides so should be subtracting, not adding.

10) Halved 16 instead of finding the square root (a surprisingly common error).

11) Finding the length of the hypotenuse so should be adding.

12) Not a right-angled triangle. Pythagoras' theorem is only for right-angled triangles.