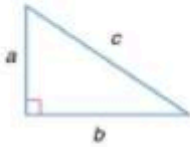Pythagorean Theorem Worksheet
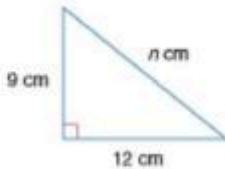
Name _____ Date _____

1. Which equation represents the Pythagorean Theorem?
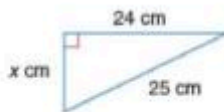
   A. $c^{\wedge} = a^{\wedge} + b^{\wedge}$
   B. $a^{\wedge} + c^{\wedge} = b^{\wedge}$
   C. $a^{\wedge} = b^{\wedge} + c^{\wedge}$
   D. $(a + b)^{\wedge} = c^{\wedge}$

2. Find the length of the hypotenuse in the triangle below. Round to the nearest tenth.

3. Find the length of one leg of a right triangle if the length of the hypotenuse is 18 feet and the length of the other leg is 14 feet. Round to the nearest tenth.

4. Determine the missing measure to the nearest tenth.

5. Determine the length of the diagonal in the rectangle below.