Pythagorean Theorem Practice Problems

Set up and solve. **Show all work in your notebook**. If the radical does not simplify to a perfect square, break down the radical like we did in the beginning of the unit.
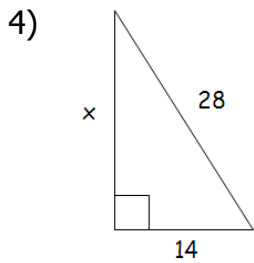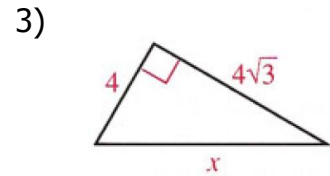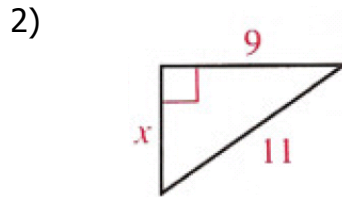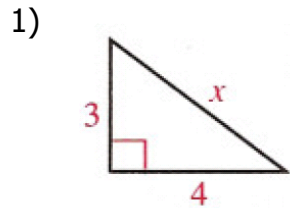
Pythagorean Theorem:

1)

2)

3)

4)

5)

6)

7)

8)

9)
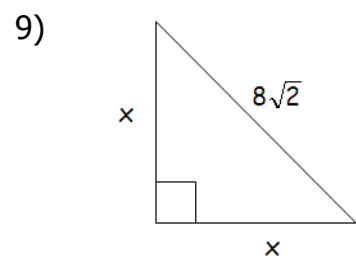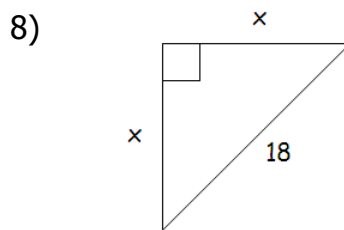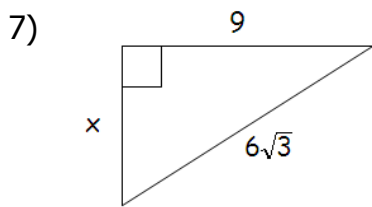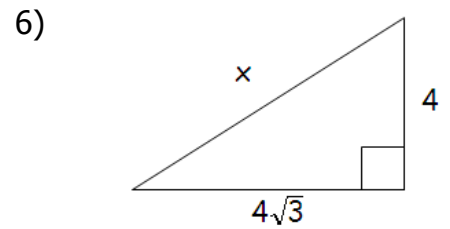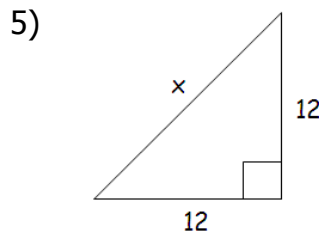
Do the following side lengths make right triangles? Show work to prove your answers.

10. $18, 24, 30$ 11. $13, 10, 7$ 12. $60, 61, 11$