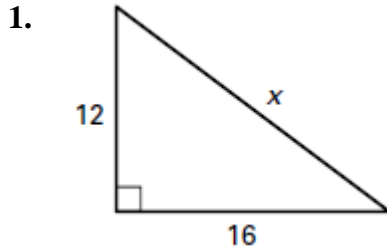Name _____   Date _____

CHAPTER 7

Assignment 61 Lesson 7-1 thru 7.2 Quiz 1
For use after the lessons "Apply the Pythagorean Theorem" and "Use the Converse of the Pythagorean Theorem"
Show all work for full credit.

Find the unknown side length. Write your answer in simplest radical form.

1.

12, x, 16

2.

14, x, 11

3.

x, 7, 9

Answers

1. _____

2. _____

3. _____
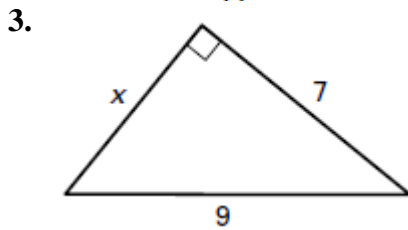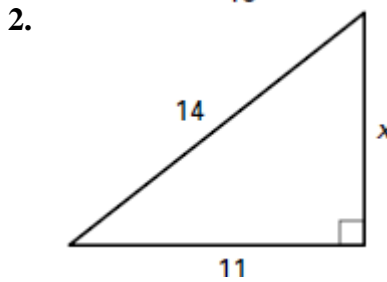
4. _____

5. _____

6. _____

7. _____

8. _____

Classify the triangle formed by the side lengths as *right*, *acute*, or *obtuse*.

4. 4, 5, 6

5. 9, 12, 15

6. 11, 13, 23

7. 8, $8\sqrt{3}$, 16

8. 16, 20, 24