\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Assignment Unit 5 Day 1

**Guided Practice**

Simplify:

1) 2)  3)  4) 

Find ***x***:

**60**

11

**x**

5) 6)

9

40

**x**

7) Find ***x***. Simplify the radical. 8) Find ***x***. Round to the nearest tenth.

6

6

**x**

6

5

**x**

**Practice and Problem Solving**

Simplify:

9)  10)  11)  12) 

Find ***x***.

**10**

x

24

6

x

**8**

**9**

x

12

13) 14) 15)

Find ***x***. Simplify radicals.

 16) 17)

21

21

**x**

10

10

**x**

Find **x**. Round to the nearest tenth.

 18) 19)

**12**

8

x

**x**

3

9

Tell if the measures can be the side lengths of a triangle. If so, classify the triangle as **acute**, **obtuse**, or **right**.

 20) 15, 10, 12 21) 8, 23, 13 22) 9, 14, 17

 23) 1.5, 2, 2.5 24) 20, 15, 18 25) 8, 7, 11