Write an equation using the appropriate trig ratio for finding the measure of the given angle(s). Then find the measure(s) to the nearest tenth.

1. 2.

 

8

6

12

8

A

C

F

3. 4.

B

4

30

15

9

 

Z

5. 6.

12

13

G

7

 

Use trig ratios and your graphing calculator to approximate each length and angle measure to the nearest tenth (these are all RIGHT triangles).

7. 8.

21

x

y

17

x

y

15

14

9. 10.

48 cm

w

61

z

y

x

52 cm

11

11.

y

1200’ 1500’

x