$\qquad$ Date $\qquad$ Class $\qquad$

## Lesson 5 Worksheet 3 Solving Application Problems, Part I

Solve for $x$ in each triangle below. Use what you learned in lesson 3 and 4 to first identify the ratio, then write the equation, and then solve the equation. Make sure your calculator is in degree mode. Round your answers to 2 decimal places.
1.

2.

5.

3.

6.

7.

8.


