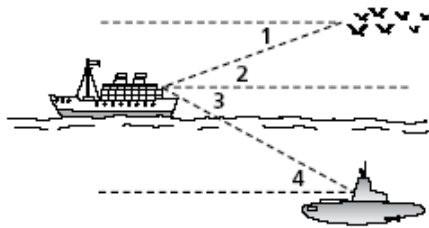


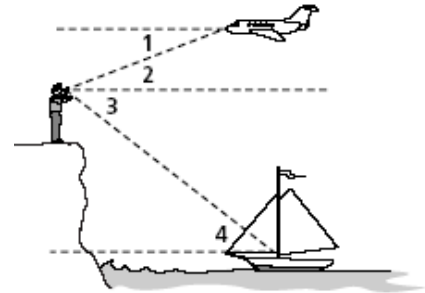
Practice 8-5 **Angles of Elevation and Depression**

Describe each angle as it relates to the diagram.

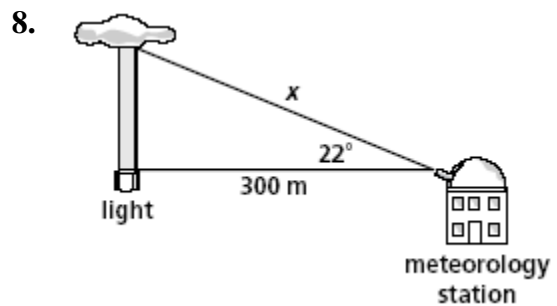
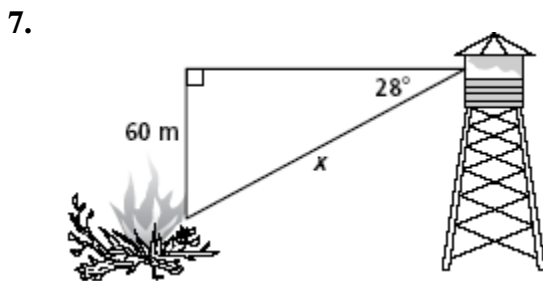
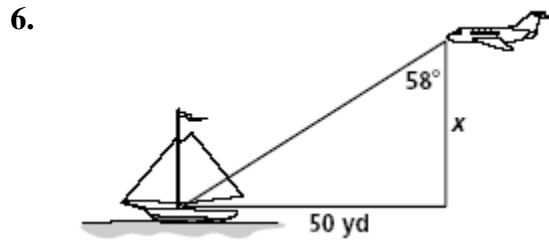
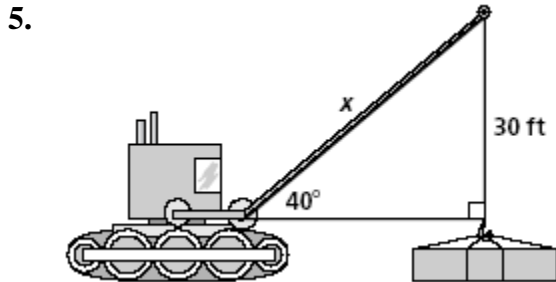
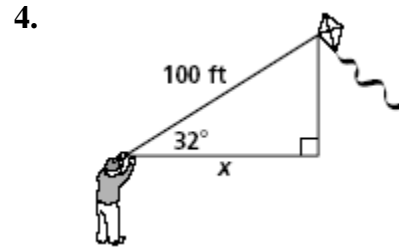
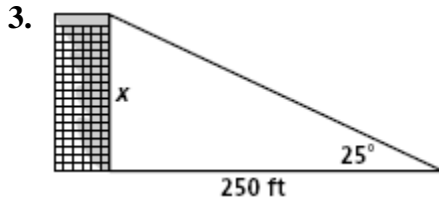
1. a. $\angle 1$
- b. $\angle 2$
- c. $\angle 3$
- d. $\angle 4$



2. a. $\angle 1$
- b. $\angle 2$
- c. $\angle 3$
- d. $\angle 4$



Find the value of x . Round the lengths to the nearest tenth.



9. A person standing 30 ft from a flagpole can see the top of the pole at a 35° angle of elevation.
 - a. Draw a diagram.
 - b. The person's eye level is 5 ft from the ground. Find the height of the flagpole to the nearest foot.