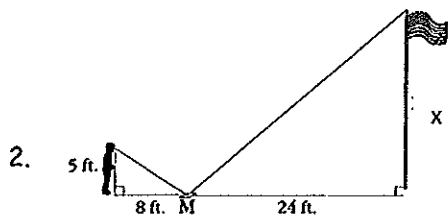
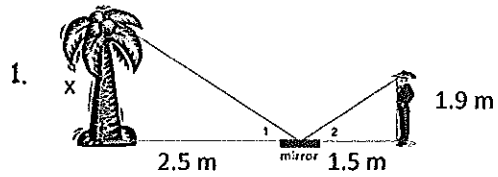


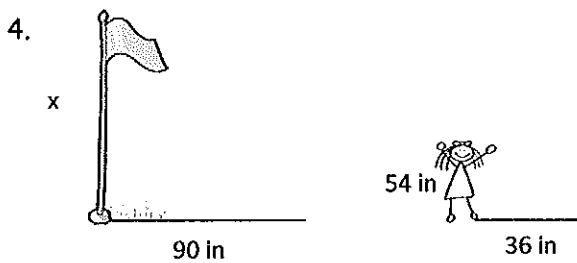
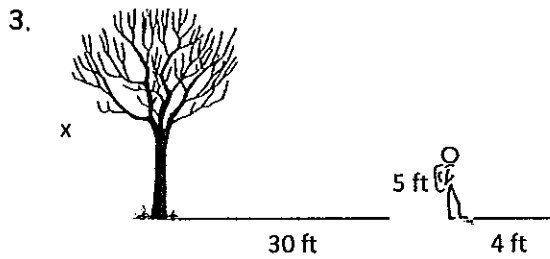
Name \_\_\_\_\_

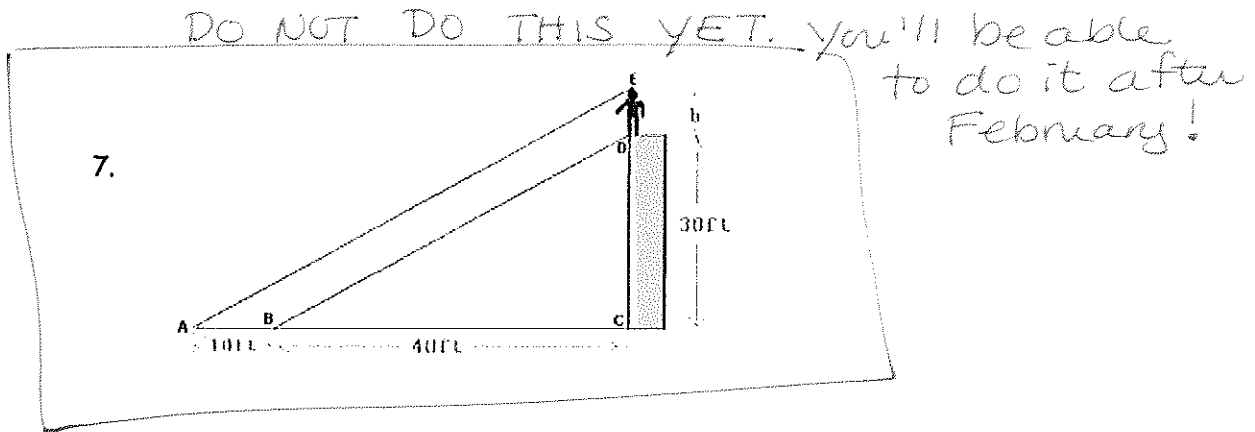
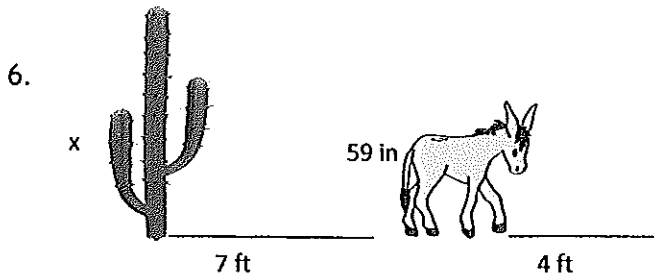
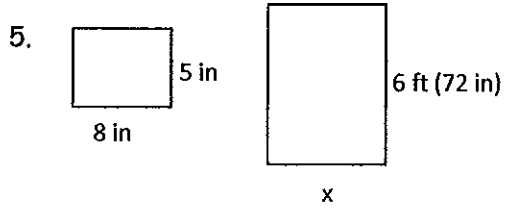
### Indirect Measurement Worksheet

Set up a proportion and solve for  $x$ . Show all work!!!



Set up a proportion and solve for  $x$ . Show all work!!!





Draw a picture. Set up a proportion. Solve using cross products.

8. On a sunny day, if a 36-inch yardstick casts a 21-inch shadow, how tall is a building whose shadow is 168ft?

9. A 4-ft person standing near a telephone pole has a shadow 3-ft long. At the same time, the telephone pole has a shadow of 18-ft long. What is the height of the telephone pole?