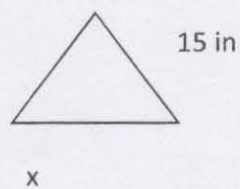
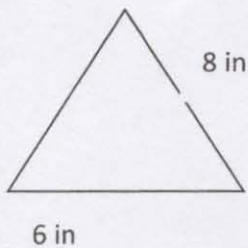


1. A lighthouse casts a shadow that is 30 ft. long. At the same time a 5 ft. tall man standing next to the lighthouse casts a shadow that is 10 feet tall. How tall is the lighthouse?



2. A statue casts a shadow that is 360 m long. At the same time, a person who is 2m tall casts a shadow that is 6 m long. How tall is the statue?
3. If the scale on a map is 1 in: 2 mi. The distance on the map between Oil Lake and Libra Park is 2 inches? What is the actual distance?
4. If the scale on a map is 1 in: 25 mi. The distance on the map between Ferris and Mason is 75 mi. About how far apart should Mason and Farris be on the map?