

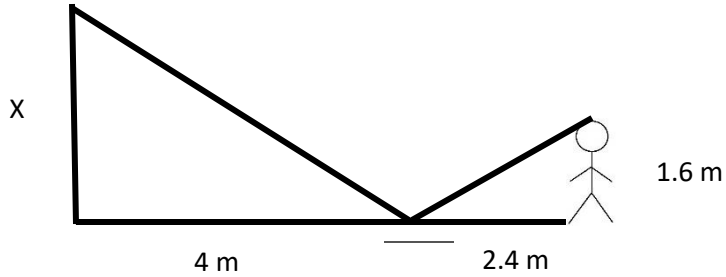
Math 2

Name _____

Solving Similar Triangles

Date _____

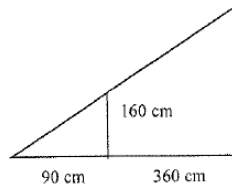
1. A statue, honoring Ray Hnatyshyn (1934-2002), can be found on Spadina Crescent East, near the University Bridge in Saskatoon. Use the information below to determine the unknown height of the statue.



2. A tree 24 feet tall casts a shadow 12 feet long. Brad is 5 feet 8 inches tall. How long is Brad's shadow?

3. A 40-foot flagpole cast a 25-foot shadow. Find the shadow cast by a nearby building 200 feet tall.

4. A girl 160 cm tall, stands 360 cm from a lamp post at night. Her shadow from the light is 90 cm long. How high is the lamp post?



7. To calculate the length of a marsh, a surveyor produced the following diagram. Find the length of the marsh to the nearest tenth of a unit.

