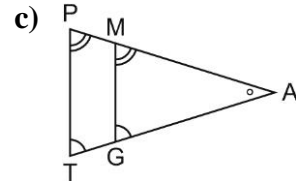
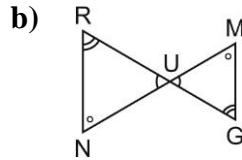
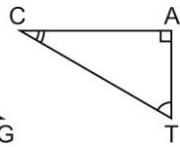
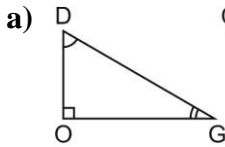


**Master 7.26**

**Extra Practice 4**

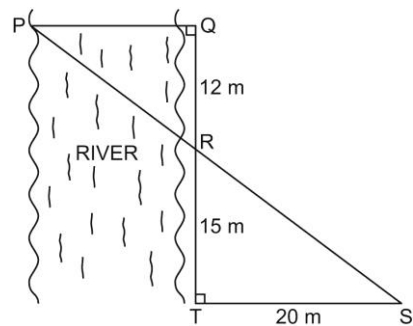
**Lesson 7.4 Similar Triangles**

1. Identify the similar triangles in the following diagrams. Equal angles are marked on the diagrams.



2. A person who is 1.9 m tall has a shadow that is 1.5 m long. At the same time, a flagpole has a shadow that is 8 m long. Determine the height of the flagpole to the nearest tenth of a metre. Draw a diagram.

3. A surveyor wants to determine the width of a river. She measures distances and angles on land, and sketches this diagram. What is the width of the river, PQ?



4. Determine the length of XY in each pair of similar triangles.

