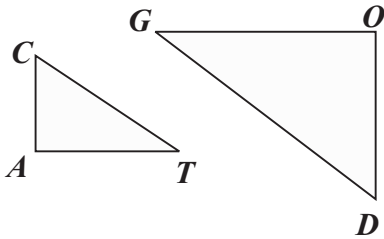


NAME _____

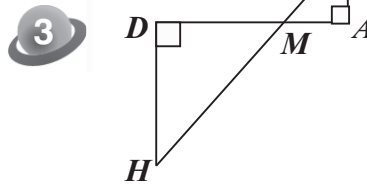
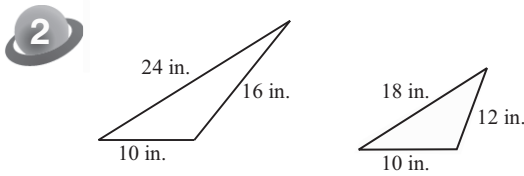
Module 8 Points, Lines, Angles, and Triangles
 Lesson 6 Similar Triangles

Set 1

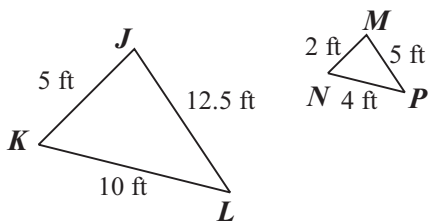
- 1 $\triangle CAT \sim \triangle DOG$
 Which angles are congruent? Which sides are proportional?



Determine if the triangles are similar. Explain why or why not. If so, write the similarity statement.

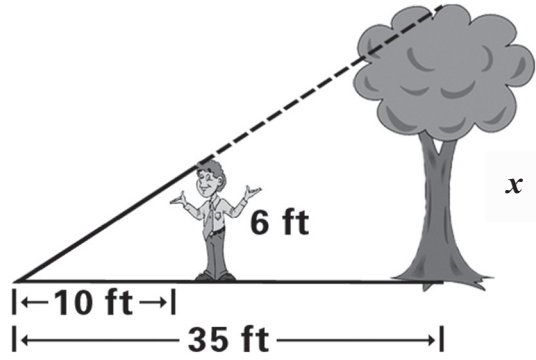


- 4 Determine if $\triangle JKL \sim \triangle MNP$.



Set 2

- 1 Isaac used his shadow and a tree's shadow to estimate the height of the tree. Use the diagram to estimate the height of the tree.



- 2 Find AB , the distance across the river, by using similar triangles.

