

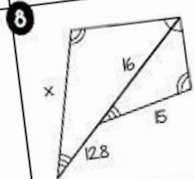
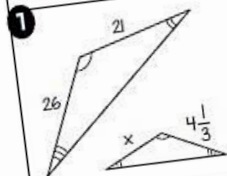
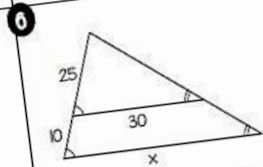
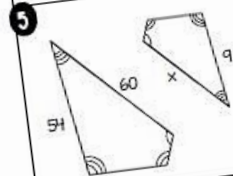
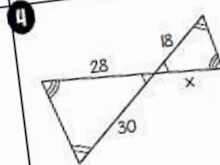
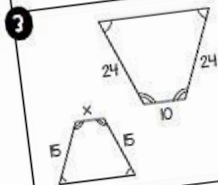
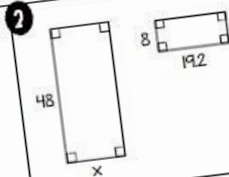
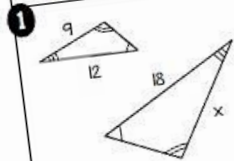
SIMILAR FIGURES

Coloring Activity

Name: _____ Per: _____

Date: _____

Directions: Solve for x given the similar figures. For questions 8 and 9, solve for the missing part. Match the question number with the answers below. Color the ornament on the back accordingly.



9 A flagpole that is 28 feet tall casts a 15-foot shadow. At the same time, a nearby tree casts a 21-foot shadow. Find the height of the tree.

10 The Statue of Liberty casts a shadow that is 100 feet long. At the same time, a nearby tree casts a shadow that is 10 feet long. If the Statue of Liberty is 300 feet tall, how tall is the tree?

Red: 5
Dark Green: 13.5
Pink: 3.5

Yellow: 27
Light Blue: 6.25
Black: 10

Orange: 20
Dark Blue: 392

