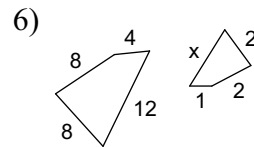
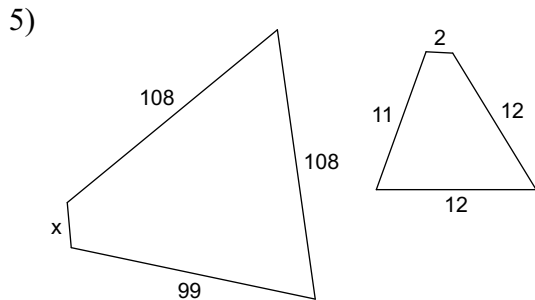
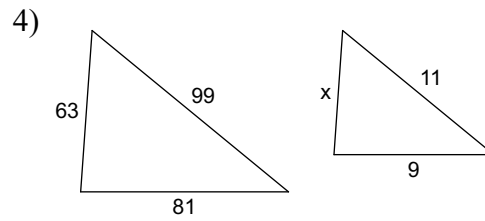
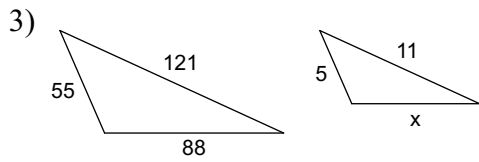
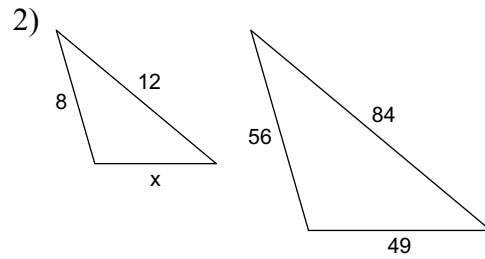
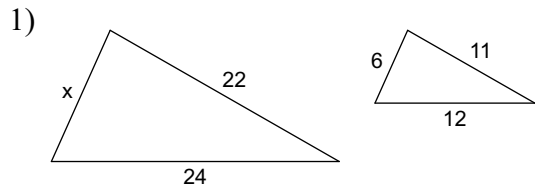
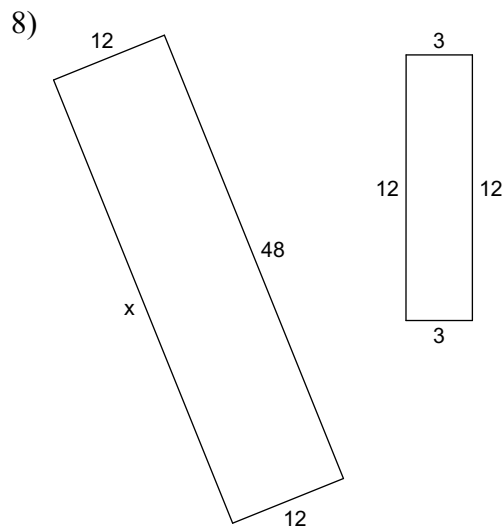
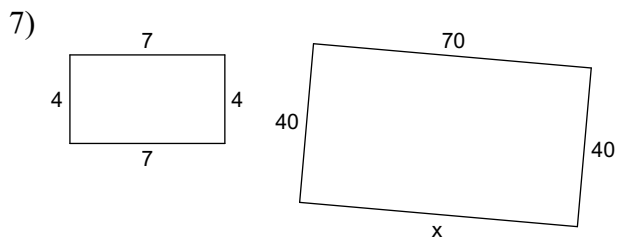


Similar Figures

Each pair of figures is similar. Find the missing side.





Answer each question and round your answer to the nearest whole number.

9) If a 6 ft tall car casts a 2 ft long shadow, then how long is the shadow that a 3 ft tall globe casts?

10) If a 4 ft tall petrified stump casts a 10 ft long shadow, then how tall is a man that casts a 15 ft shadow?

11) A model submarine has a scale of 3 in : 7 yd. If the real submarine is 14 yd long, then how long is the model submarine?

12) A model motorcycle is 8 in long. If it was built with a scale of 4 in : 5 ft, then how long is the real motorcycle?

13) A baby elephant that is 5 ft tall casts a shadow that is 4 ft long. Find the length of the shadow that a 15 ft flagpole casts.

14) A map has a scale of 2 cm : 14 km. If Clayton and Clinton are 6 cm apart on the map, then how far apart are the real cities?