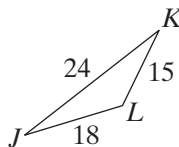
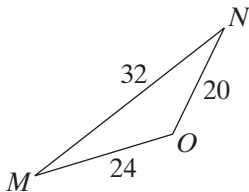


# Practice 4-5

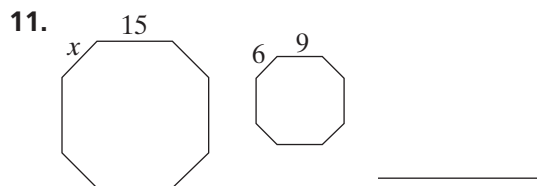
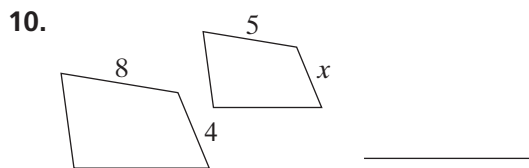
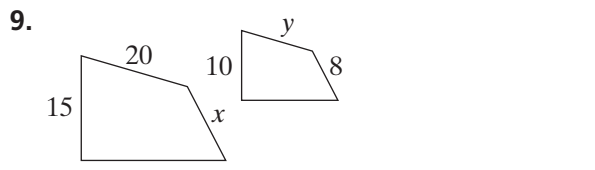
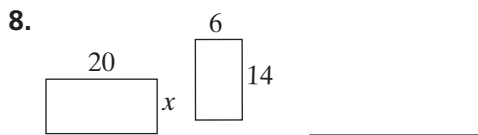
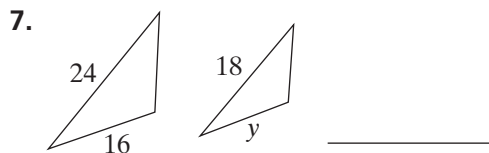
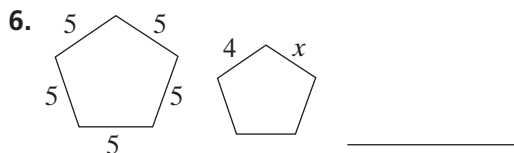
## Similar Figures

$\triangle MNO \sim \triangle JKL$ . Complete each statement.



1.  $\angle M$  corresponds to \_\_\_\_\_.
2.  $\angle L$  corresponds to \_\_\_\_\_.
3.  $\overline{JL}$  corresponds to \_\_\_\_\_.
4.  $\overline{MN}$  corresponds to \_\_\_\_\_.
5. What is the ratio of the lengths of the corresponding sides? \_\_\_\_\_

The pairs of figures below are similar. Find the value of each variable.



12. On a sunny day, if a 36-inch yardstick casts a 21-inch shadow, how tall is a building whose shadow is 168 ft?

\_\_\_\_\_

13. Oregon is about 400 miles from west to east, and 300 miles from north to south. If a map of Oregon is 15 inches tall (from north to south), about how wide is the map?

\_\_\_\_\_

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