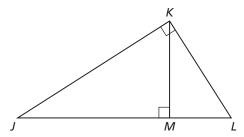
## 9.3

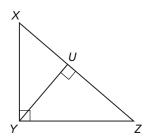
## **Practice A**

In Exercises 1 and 2, identify the similar triangles.

1.

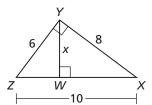


2.

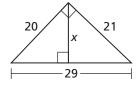


In Exercises 3–5, find the value of x.

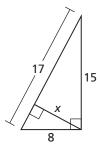
3.



4.



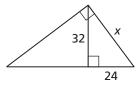
5.



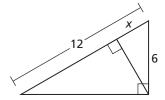
In Exercises 6–8, find the geometric mean of the two numbers.

In Exercises 9–11, find the value of x.

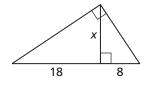
9.



10.



11.



**12.** You are designing a diamond-shaped kite. You know that AB = 38.4 centimeters, BC = 72 centimeters, and AC = 81.6 centimeters. You want to use a straight crossbar  $\overline{BD}$ . About how long should it be?

