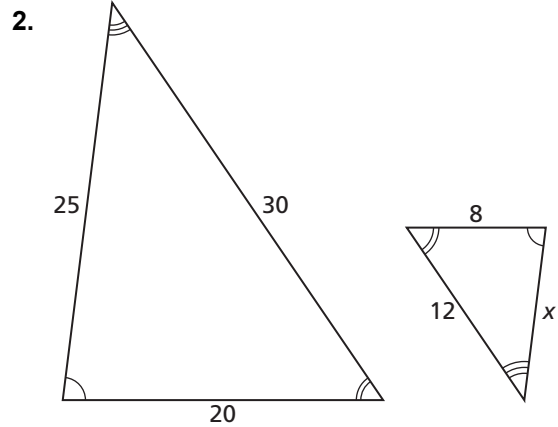
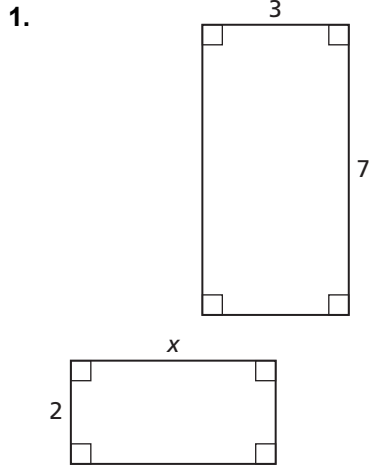


**8.1** Notetaking with Vocabulary (continued)

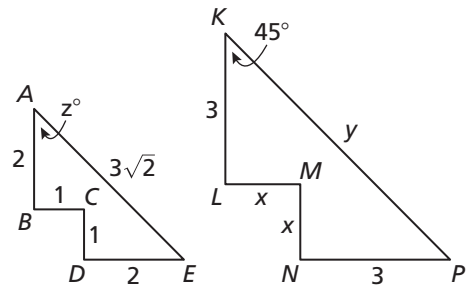
**Extra Practice**

In Exercises 1 and 2, the polygons are similar. Find the value of  $x$ .



In Exercises 3–8,  $ABCDE \sim KLMNP$ .

3. Find the scale factor from  $ABCDE$  to  $KLMNP$ .
4. Find the scale factor from  $KLMNP$  to  $ABCDE$ .
5. Find the values of  $x$ ,  $y$ , and  $z$ .



6. Find the perimeter of each polygon.
7. Find the ratio of the perimeters of  $ABCDE$  to  $KLMNP$ .
8. Find the ratio of the areas of  $ABCDE$  to  $KLMNP$ .