## **3** Finding Missing Parts Using Similarity to Find Measurements

When two figures are similar, you can find missing lengths in two ways.

## One Method

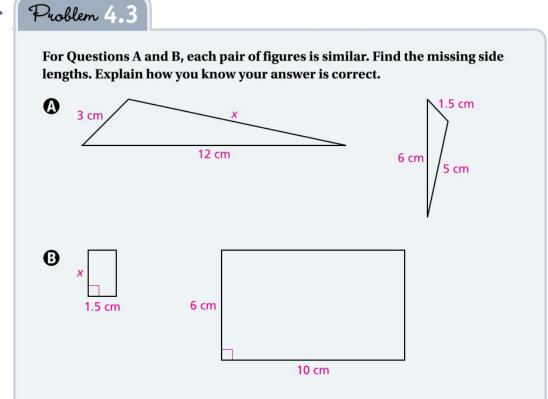
Use the scale factor from one figure to the other.

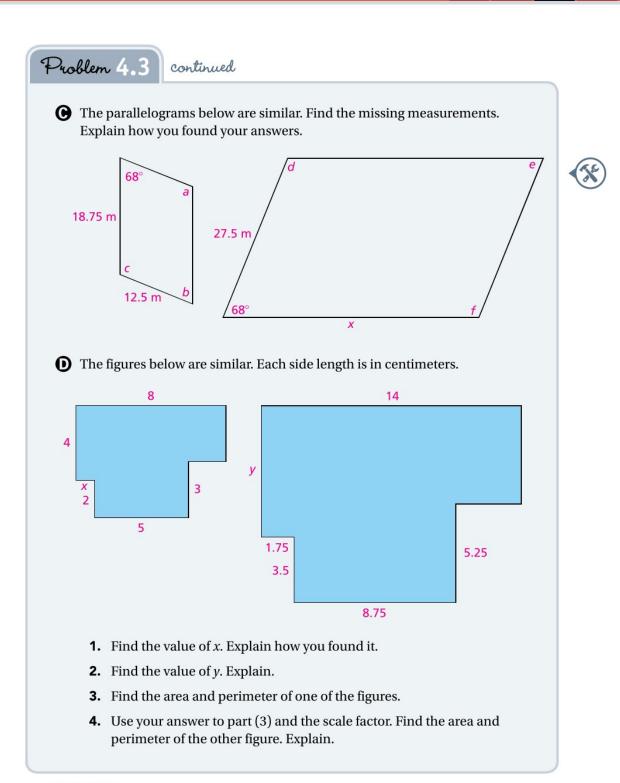


## **Another Method**

Use the ratios of the side lengths within each figure.







ACE Homework starts on page 90.

Investigation 4 Similarity and Ratios