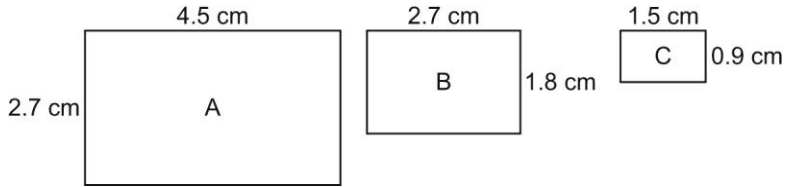


**Master 7.25**

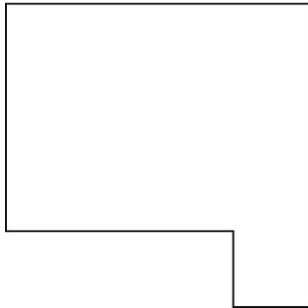
**Extra Practice 3**

**Lesson 7.3 Similar Polygons**

1. Which rectangles are similar? Give reasons for your answer.

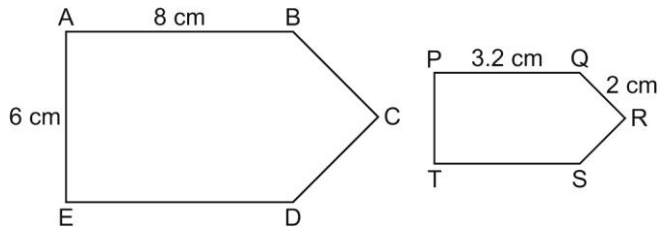


2. For the given polygon draw a similar larger polygon and a similar smaller polygon. Write the scale factor for each diagram.



3. These polygons are similar. Determine each length.

- a) PT
- b) BC



4. Which statements are true? Justify your answers.

- a) All regular octagons are similar.
- b) All quadrilaterals are similar.
- c) All circles are similar.
- d) All pentagons are similar.