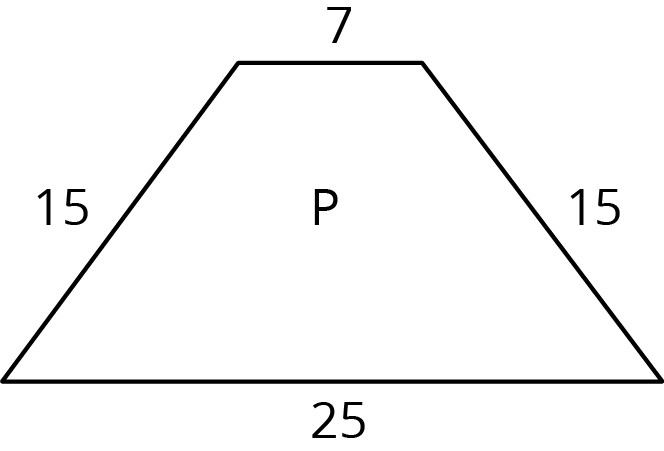
### Lesson 10 Practice Problems

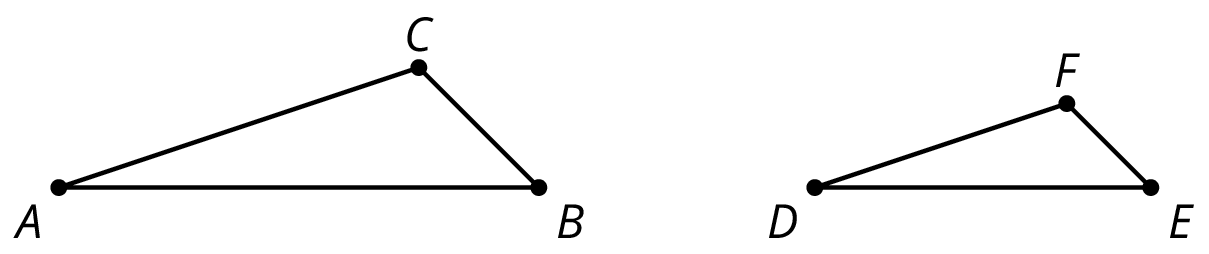
1. Here is a scale drawing of a swimming pool where 1 cm represents 1 m.

* 
  1. How long and how wide is the actual swimming pool?
  2. Will a scale drawing where 1 cm represents 2 m be larger or smaller than this drawing?
  3. Make a scale drawing of the swimming pool where 1 cm represents 2 m.

1. A map of a park has a scale of 1 inch to 1,000 feet. Another map of the same park has a scale of 1 inch to 500 feet. Which map is larger? Explain or show your reasoning.
2. On a map with a scale of 1 inch to 12 feet, the area of a restaurant is 60 in2. Han says that the actual area of the restaurant is 720 ft2. Do you agree or disagree? Explain your reasoning.
3. If Quadrilateral Q is a scaled copy of Quadrilateral P created with a scale factor of 3, what is the perimeter of Q?

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* (From Unit 1, Lesson 3.)

1. Triangle is a scaled copy of triangle . For each of the following parts of triangle , identify the corresponding part of triangle .
   * angle
   * angle
   * segment
   * segment

* 
* (From Unit 1, Lesson 2.)



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