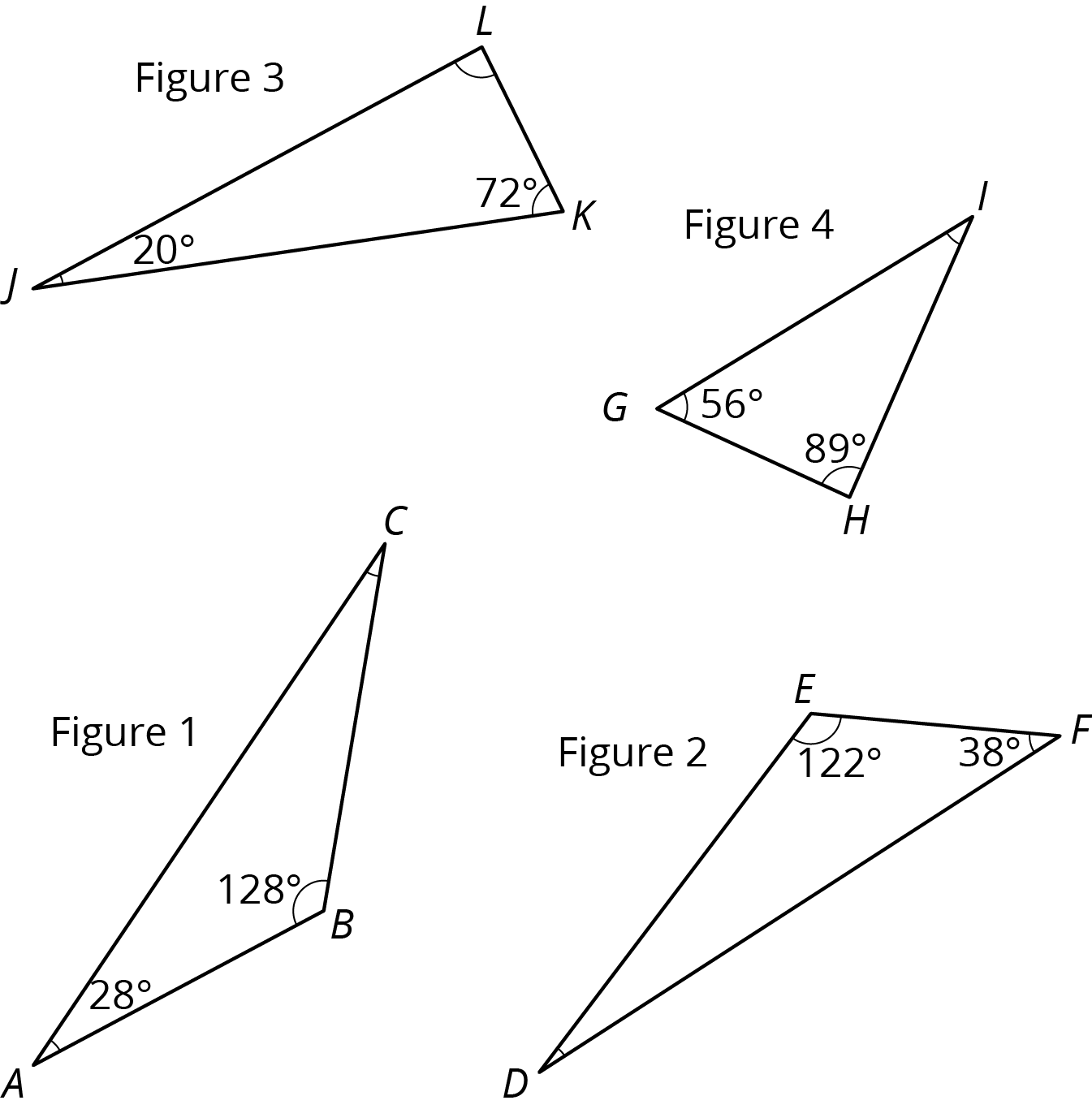
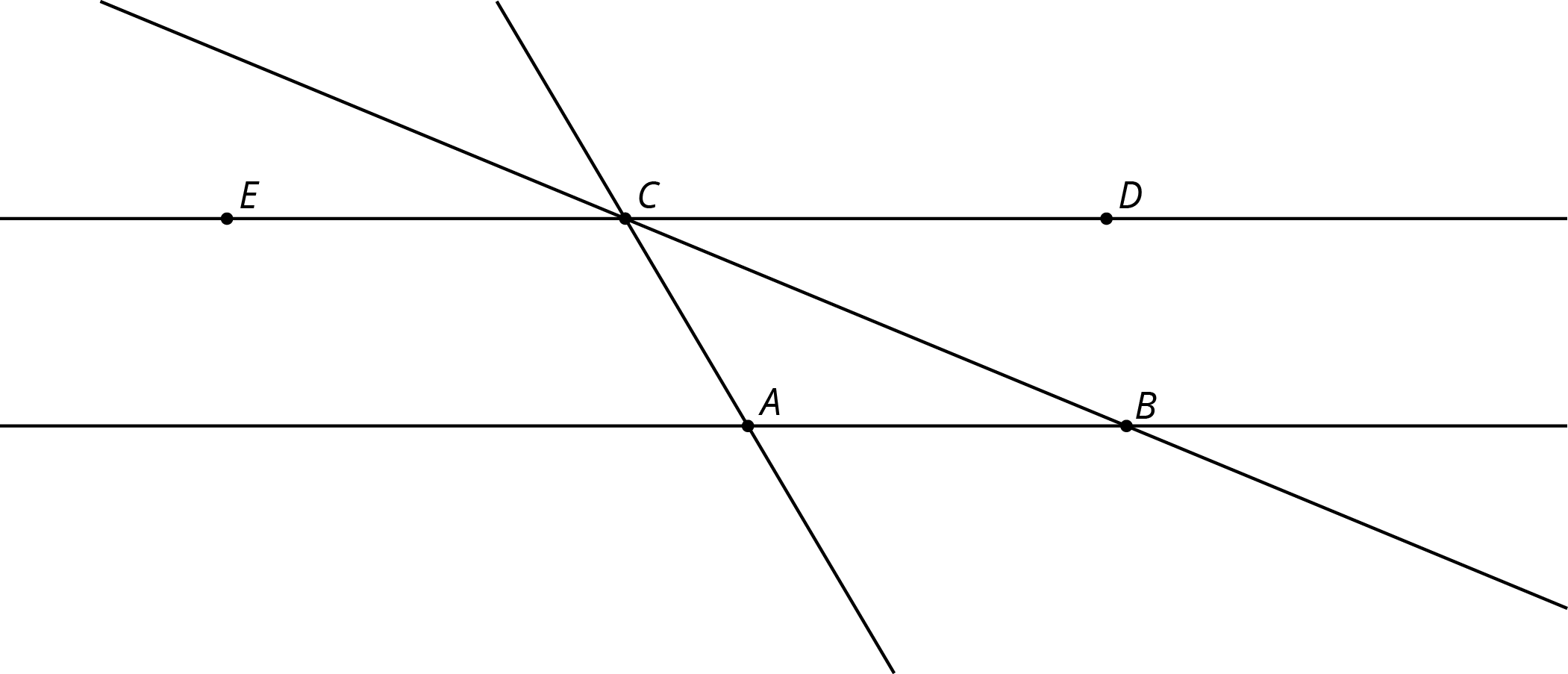
## Unit 1 Lesson 16 Cumulative Practice Problems

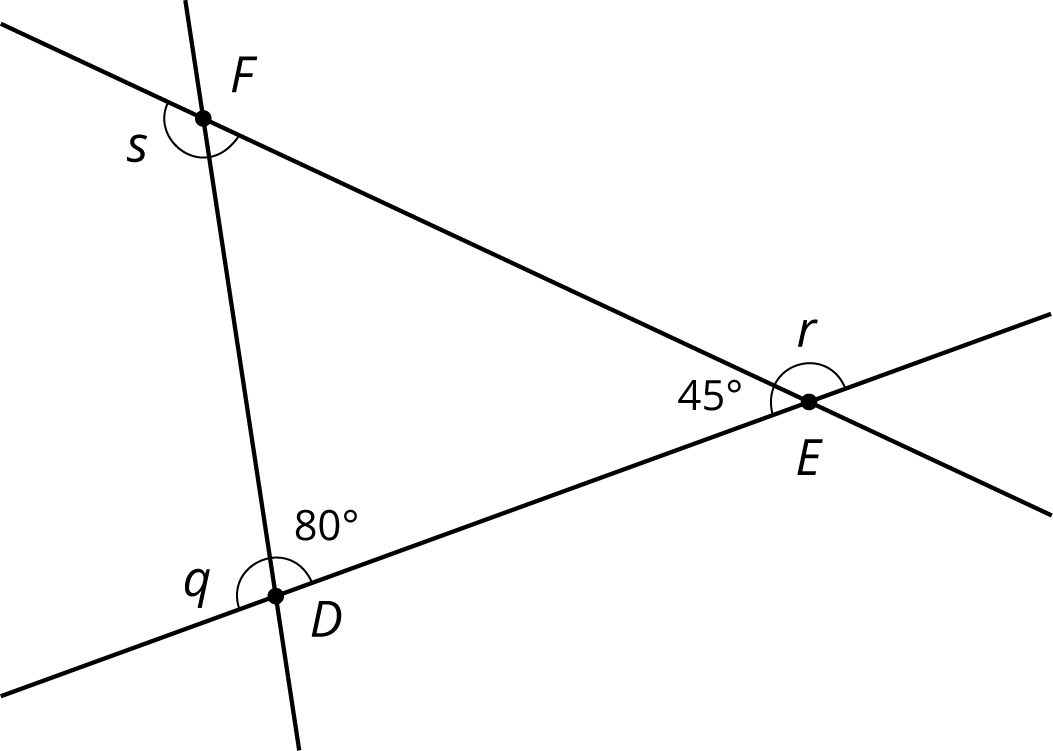
1. For each triangle, find the measure of the missing angle.

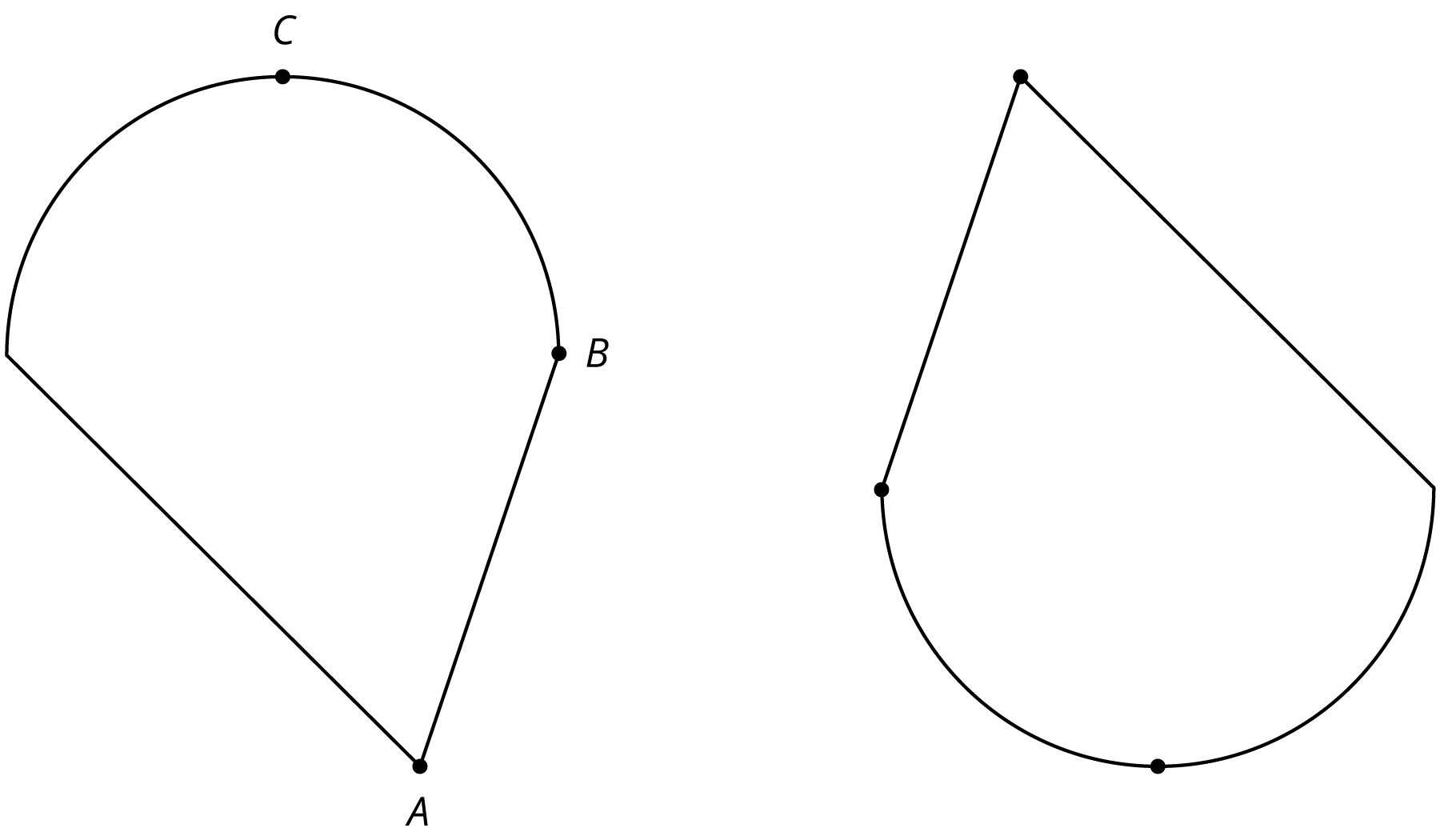
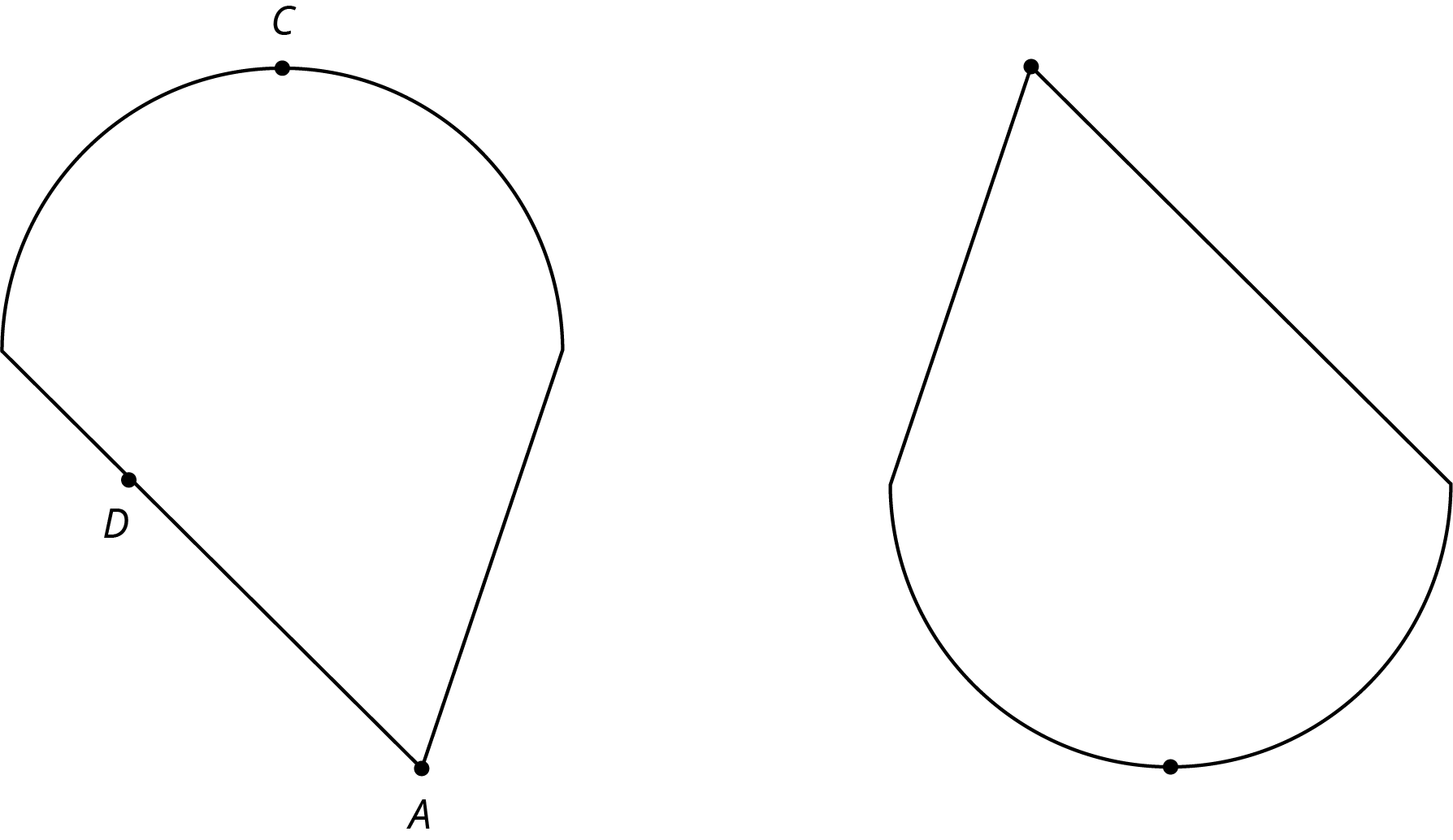
* 

1. Is there a triangle with *two* right angles? Explain your reasoning.
2. In this diagram, lines and are parallel.

* 
* Angle measures and angle measures .
  1. What is ?
  2. What is ?
  3. What is ?

1. Here is a diagram of triangle .
   1. Find the measures of angles , , and .
   2. Find the sum of the measures of angles , , and .
   3. What do you notice about these three angles?

* 

1. The two figures are congruent.
   1. Label the points , and that correspond to , , and in the figure on the right.
   * 
   1. If segment measures 2 cm, how long is segment ? Explain.
   2. The point is shown in addition to and . How can you find the point that corresponds to ? Explain your reasoning.
   * 

* (From Unit 1, Lesson 13.)



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