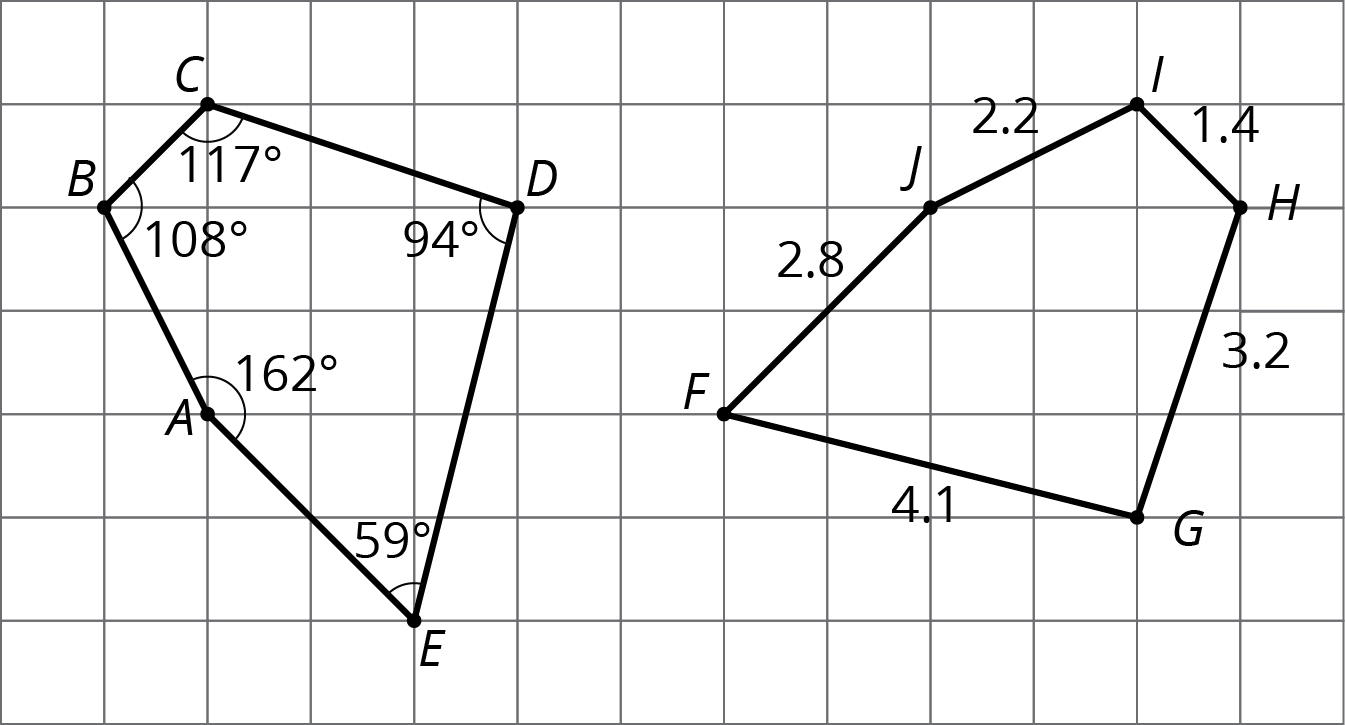
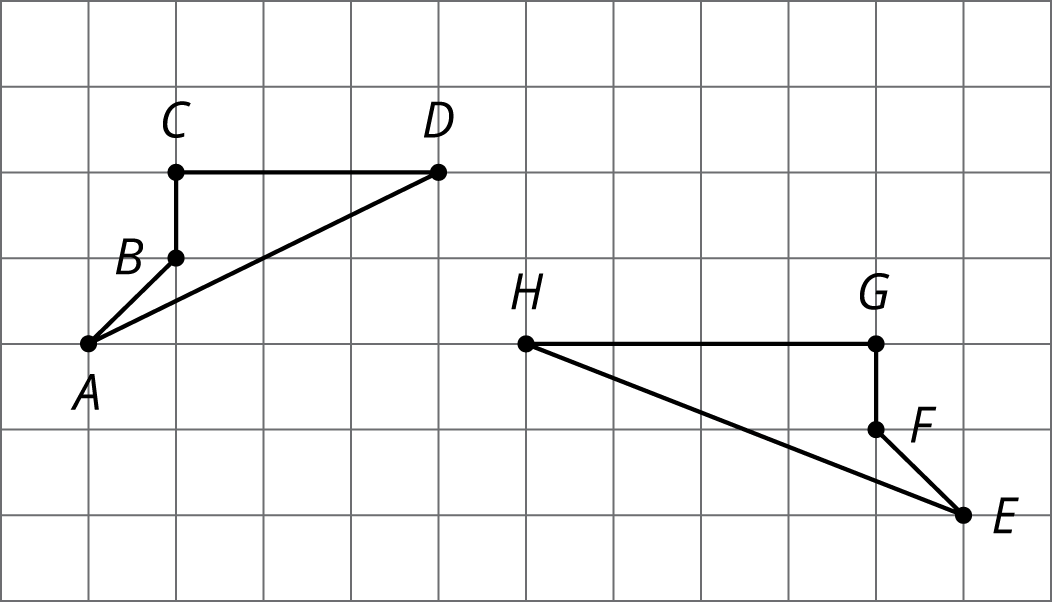
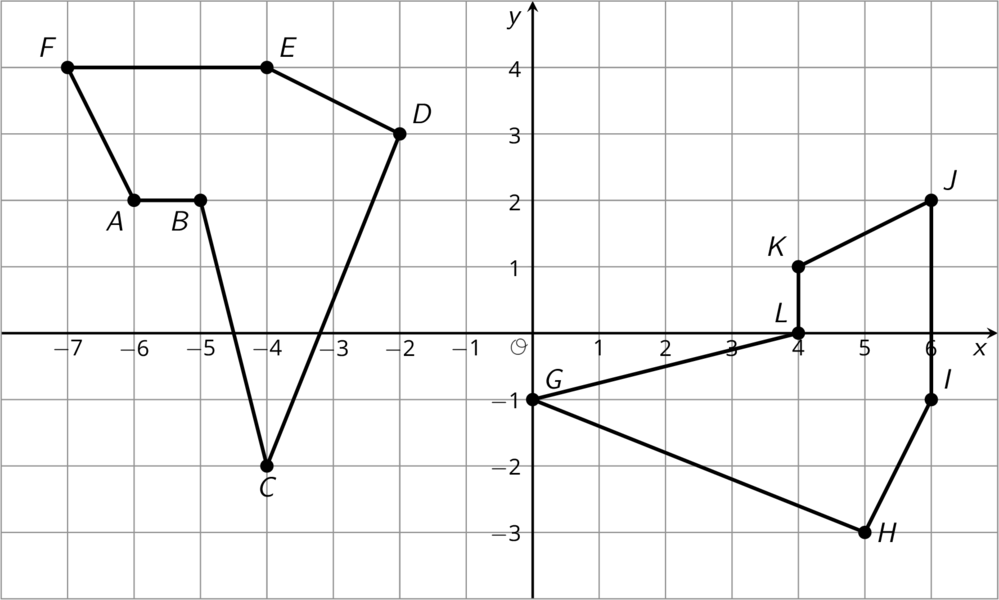
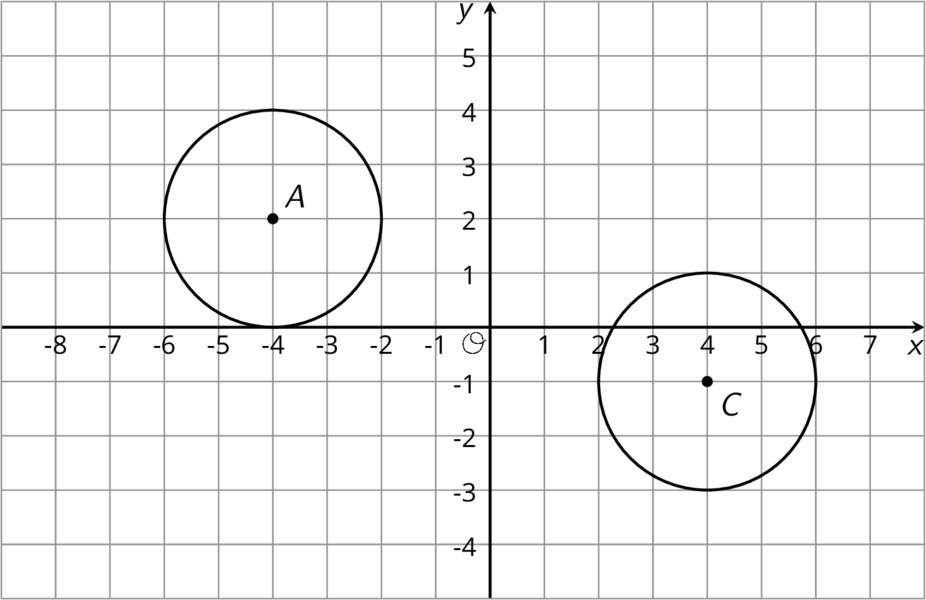
## Unit 1 Lesson 12 Cumulative Practice Problems

* 1. Show that the two pentagons are congruent.
  2. Find the side lengths of and the angle measures of .
* 

1. For each pair of shapes, decide whether or not the two shapes are congruent. Explain your reasoning.

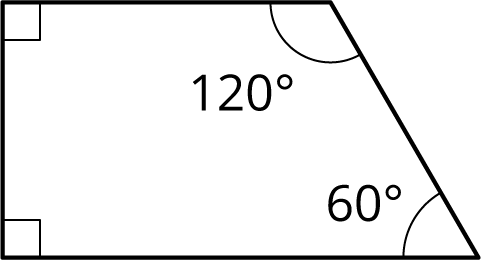
   * 

   * 

   * 
   1. Draw segment .
   2. When is rotated around point , the resulting segment is the same as . Where could point be located?

* (From Unit 1, Lesson 8.)

1. Here is trapezoid .

* 
* Using rigid transformations on the trapezoid, build a pattern. Describe some of the rigid transformations you used.
* (From Unit 1, Lesson 10.)



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