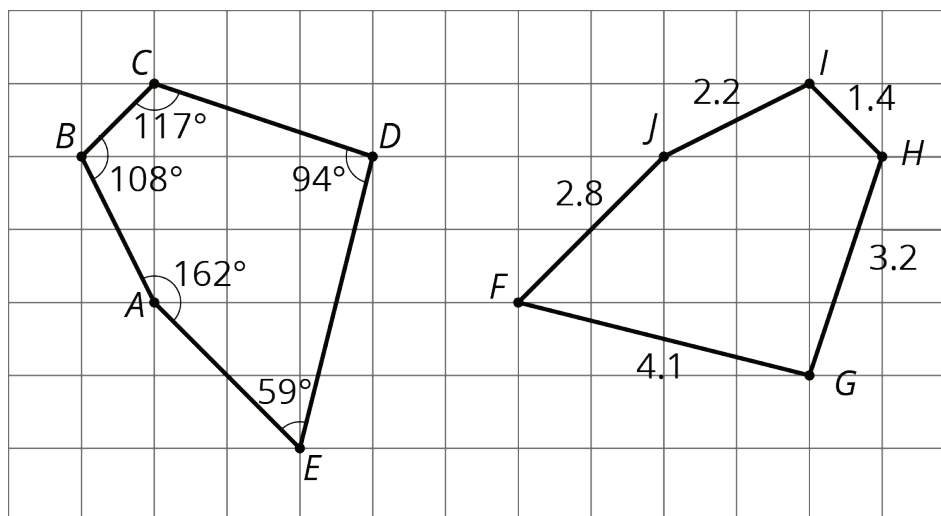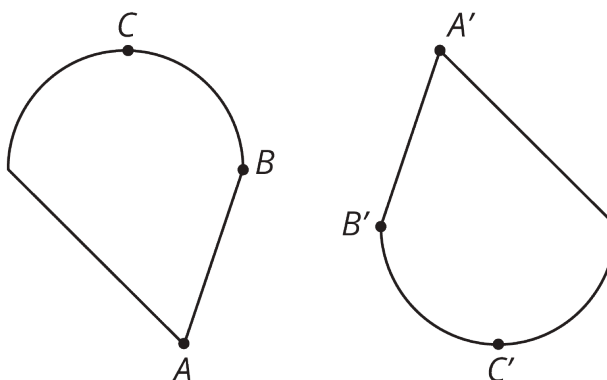# Lesson 11 Practice Problems

1.   a. Show that the two pentagons are congruent.

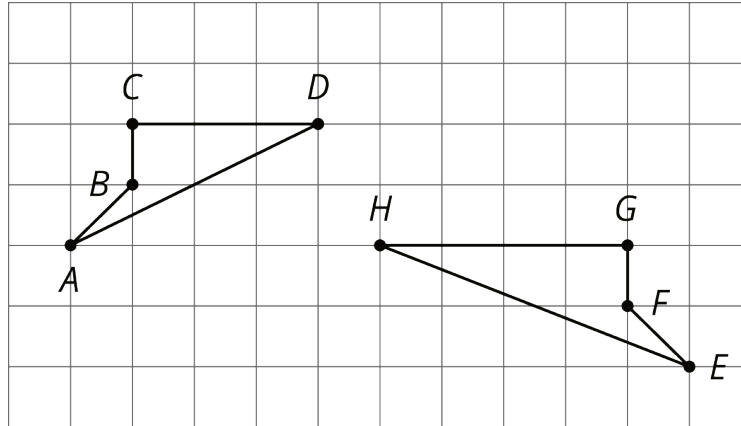   b. Find the side lengths of $ABCDE$ and the angle measures of $FGHIJ$.

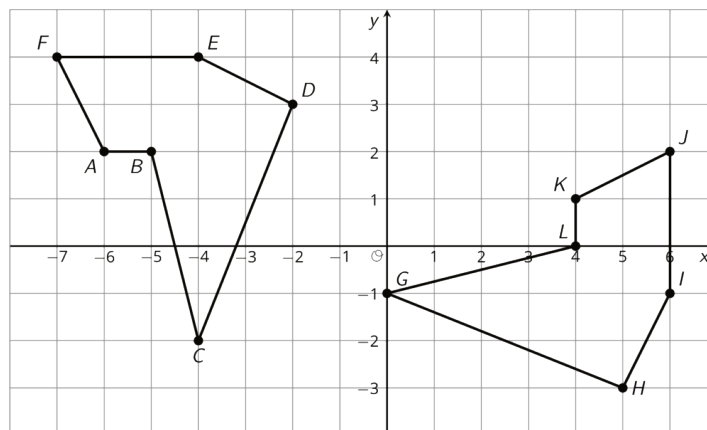2. These two figures are congruent, with corresponding points marked.

   a. Are angles ABC and $A'B'C'$ congruent? Explain your reasoning.

   b. Measure angles ABC and $A'B'C'$ to check your answer.

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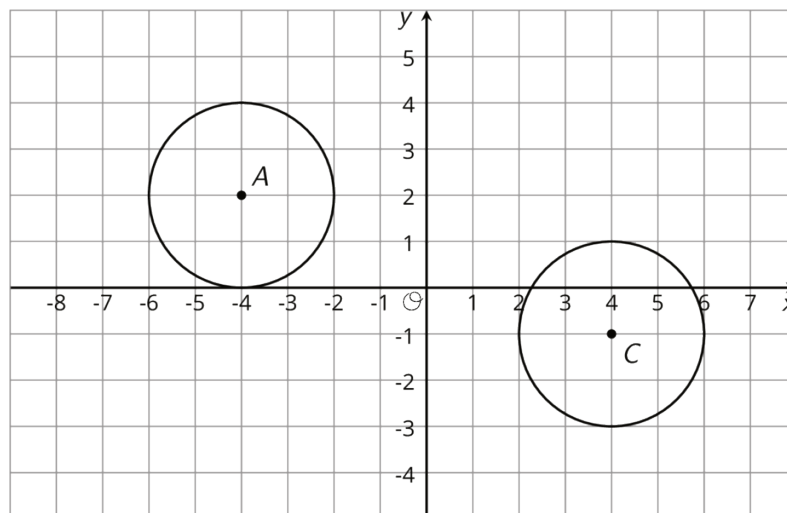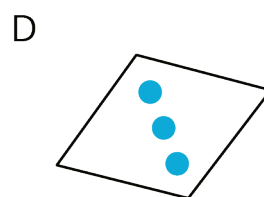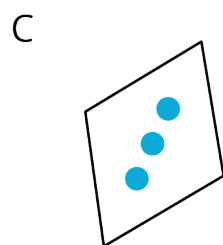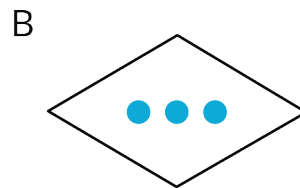
a.

b.

c.

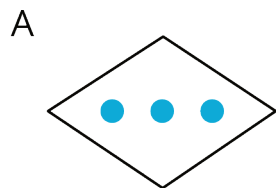**Accelerated 7 Unit 1**
Lesson 11

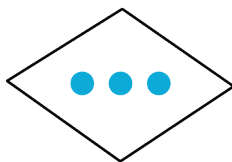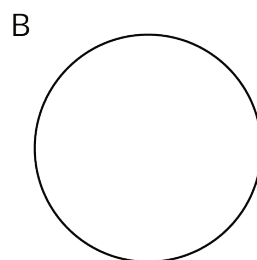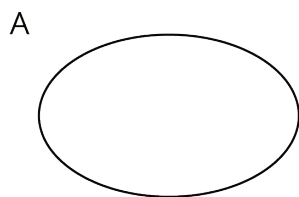CC BY Open Up Resources. Adaptations CC BY IM.

2

4. Which of these four figures are congruent to the top figure?

A

B

C

D

A. A

B. B

C. C

D. D

5. Here are two figures.

A   B

Show, using measurement, that these two figures are *not* congruent.

Accelerated 7 Unit 1
Lesson 11

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3