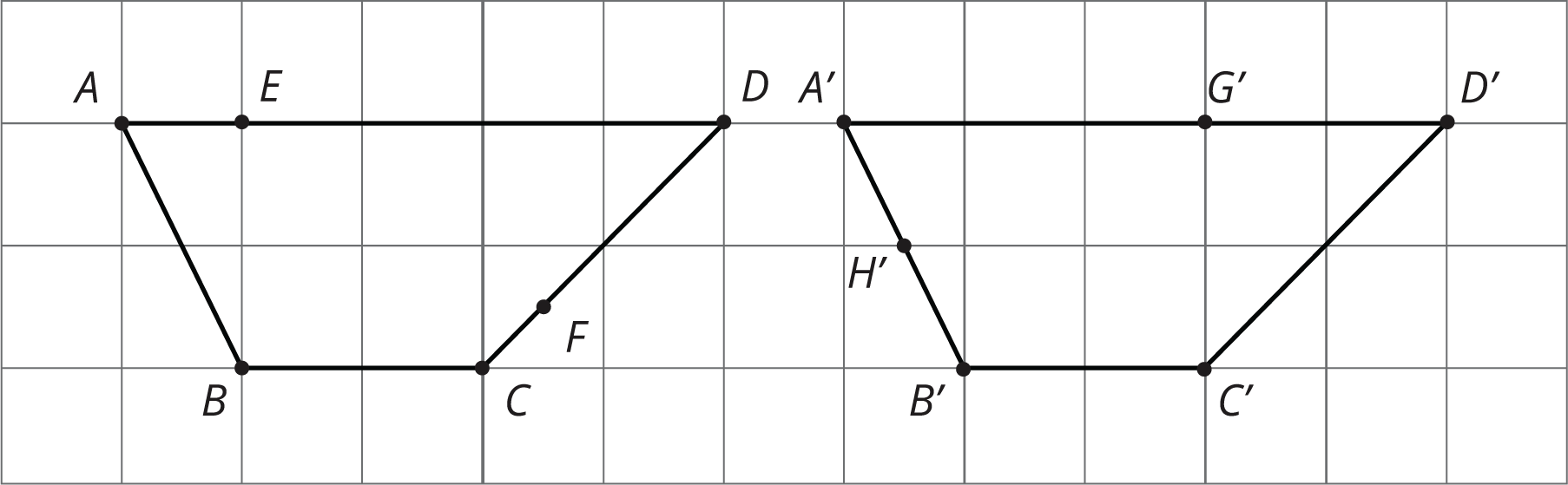
## Unit 1 Lesson 13: Congruence

### 1 Not Just the Vertices (Warm up)

#### Student Task Statement

Trapezoids and are congruent.

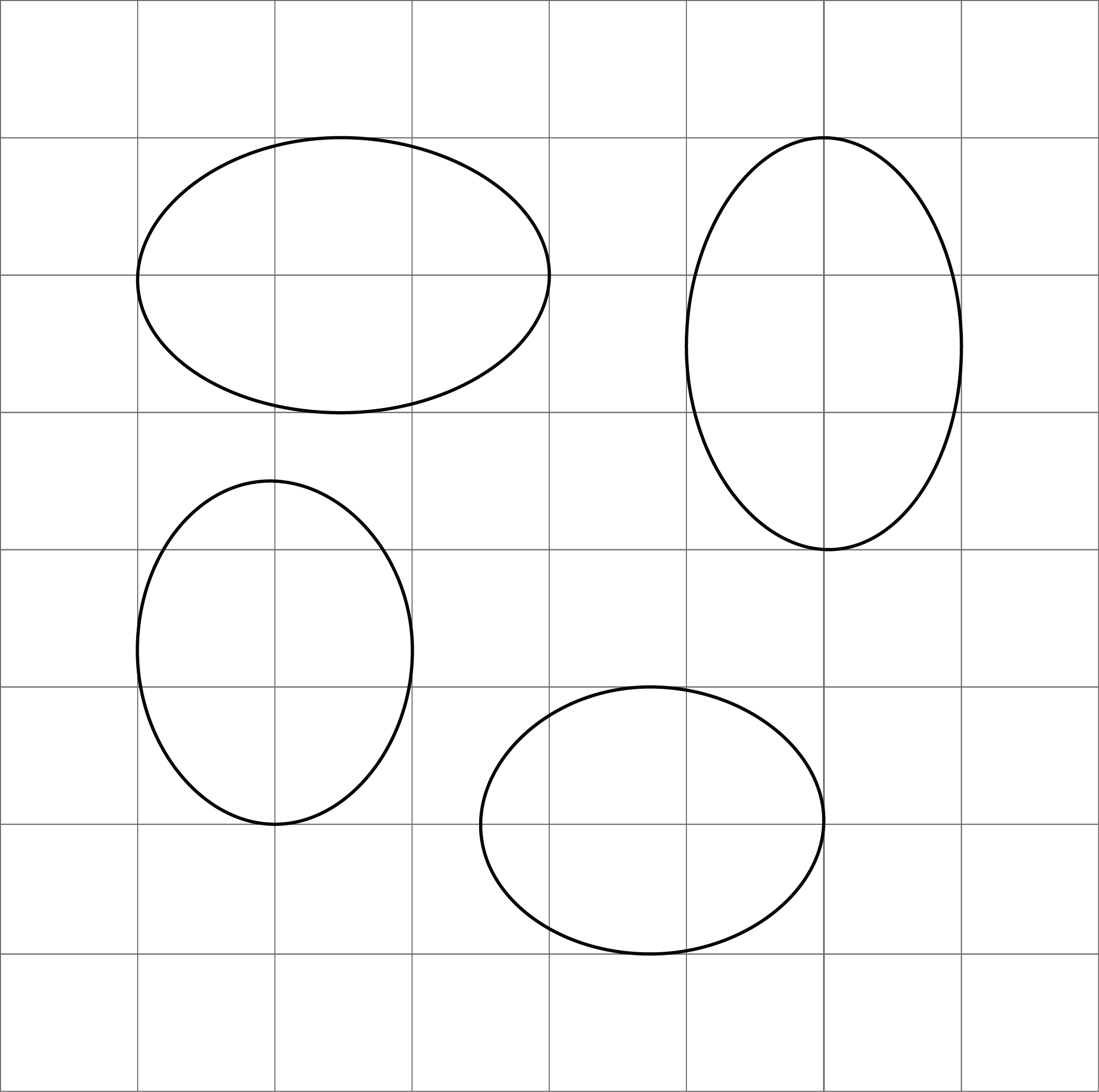
* Draw and label the points on that correspond to and .
* Draw and label the points on that correspond to and .
* Draw and label at least three more pairs of corresponding points.



### 2 Congruent Ovals

#### Student Task Statement

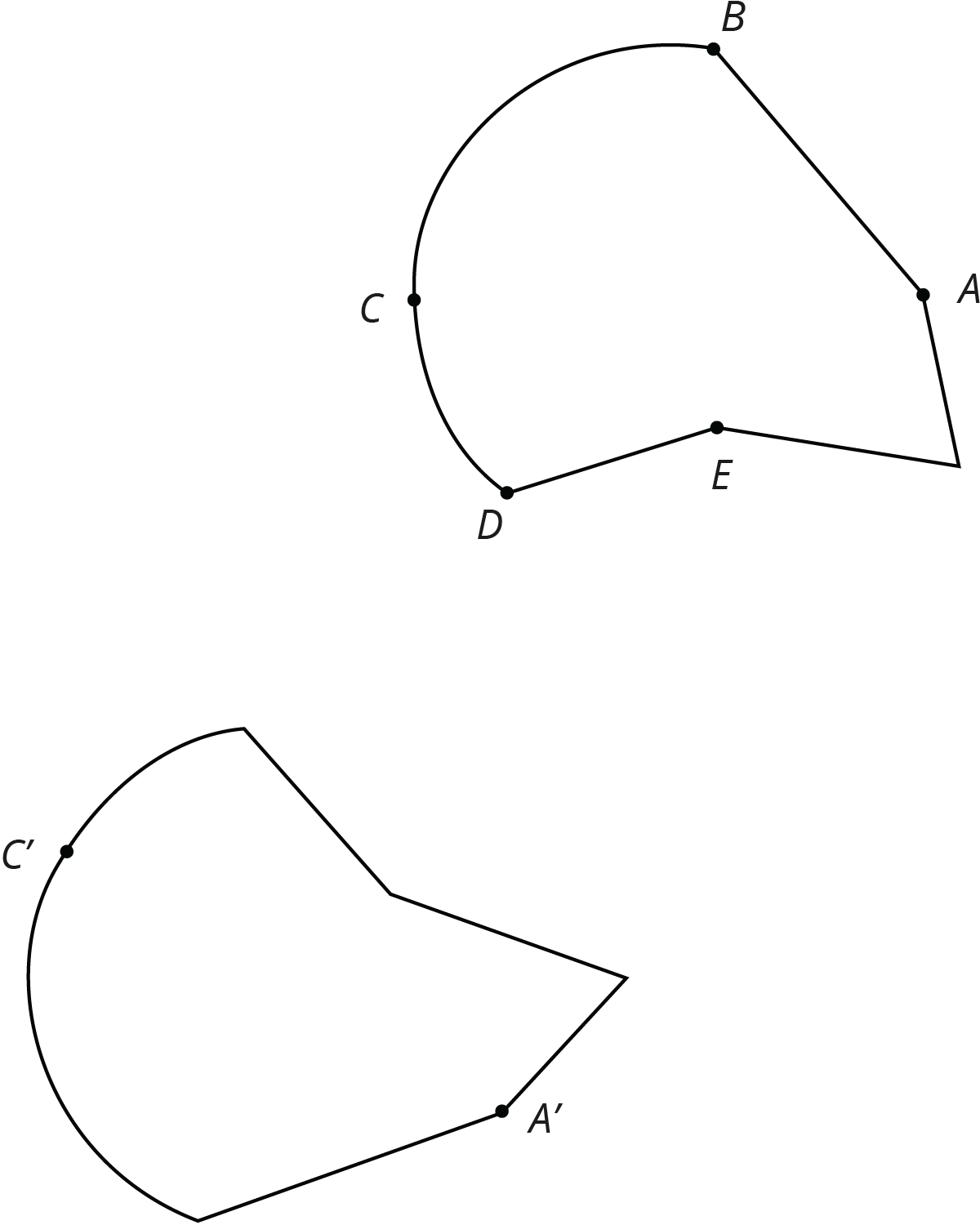
Are any of the ovals congruent to one another? Explain how you know.



### 3 Corresponding Points in Congruent Figures

#### Student Task Statement

Here are two congruent shapes with some corresponding points labeled.

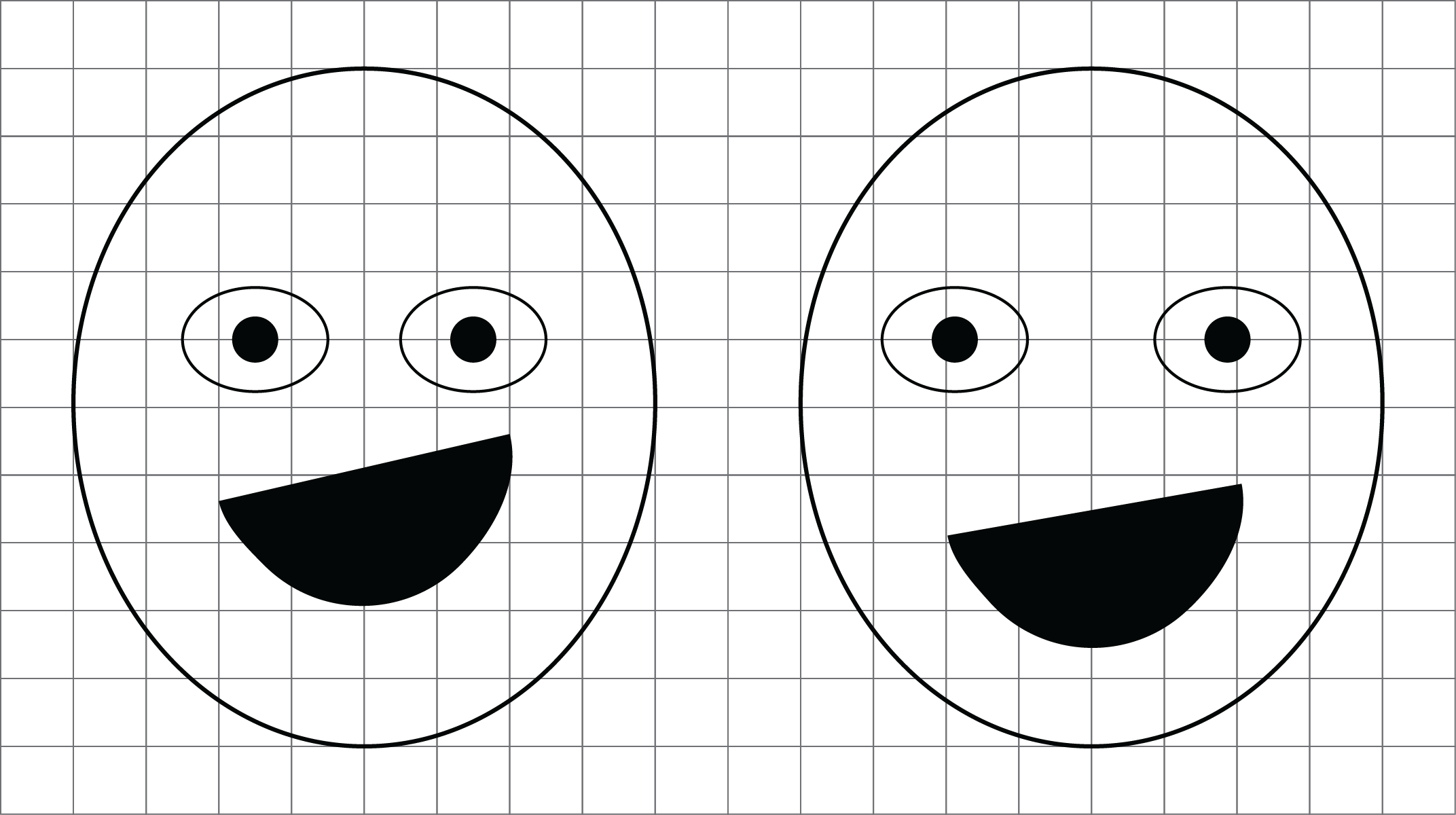


1. Draw the points corresponding to , , and , and label them , , and .
2. Draw line segments and and measure them. Do the same for segments and and for segments and . What do you notice?
3. Do you think there could be a pair of corresponding segments with different lengths? Explain.

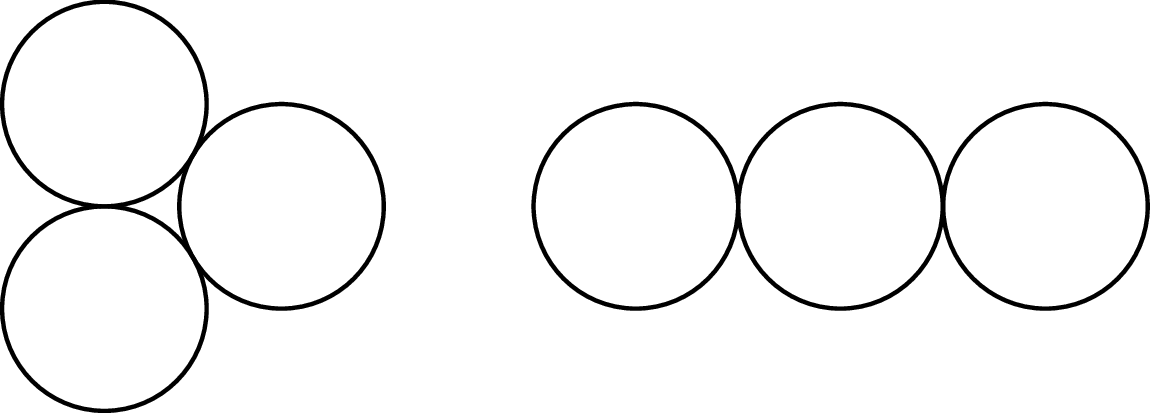
### 4 Astonished Faces (Optional)

#### Student Task Statement

Are these faces congruent? Explain your reasoning.



#### Images for Activity Synthesis





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