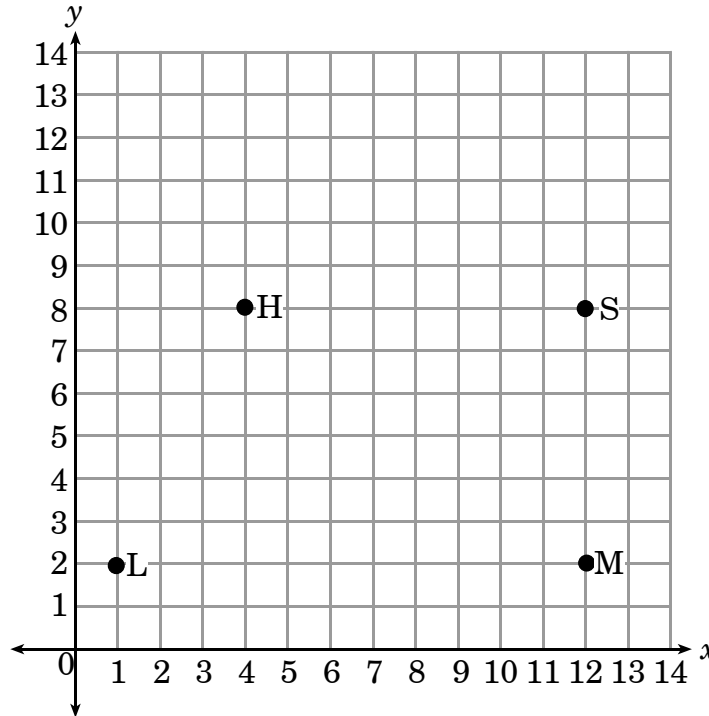


1. This is a map of Brandon's town.

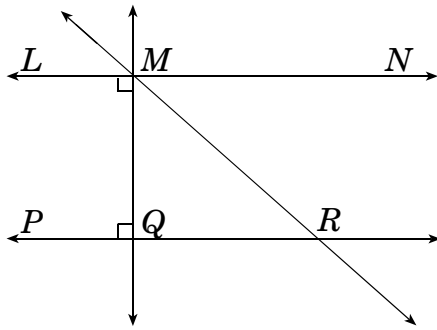


Key	
H	Home
S	School
M	Museum
L	Library

Which figure will be created if Brandon walks from home to school, then to the museum, then to the library, and finally back home?

- A trapezoid
- B square
- C rhombus
- D rectangle

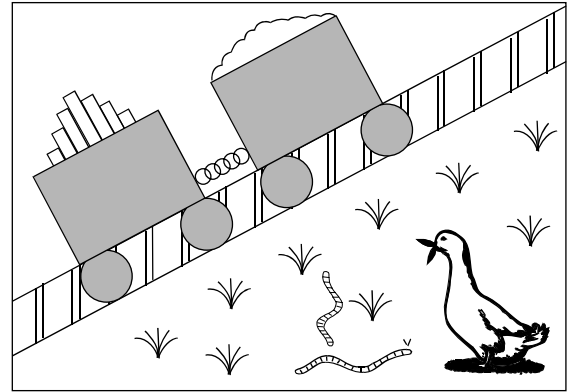
2. Which line is parallel to \overleftrightarrow{LN} ?



- A \overleftrightarrow{LM}
- B \overleftrightarrow{MQ}
- C \overleftrightarrow{MR}
- D \overleftrightarrow{PR}

3. In art class, Celina identifies the parallel lines in her painting.

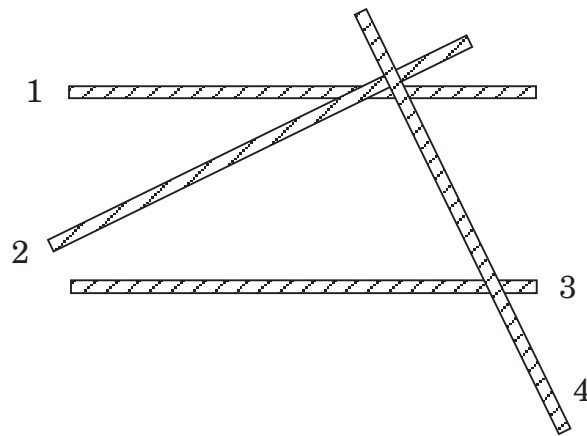
Celina's Painting



Which part of her painting shows parallel lines?

- A bird's beak
- B train tracks
- C wheels of train cars
- D grass

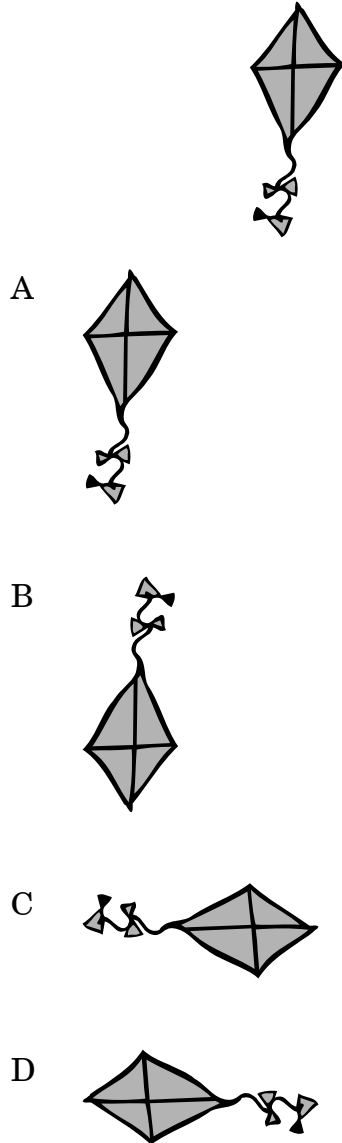
4. Vicki placed four straws on her table.



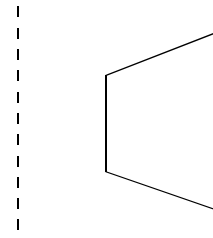
Which two straws appear to be perpendicular to each other?

- A straws 1 and 2
 - B straws 1 and 3
 - C straws 2 and 4
 - D straws 2 and 3
-
5. Which of the following times on the face of a clock shows an hour hand and a minute hand that are perpendicular?
- A 2:00
 - B 4:00
 - C 6:00
 - D 9:00

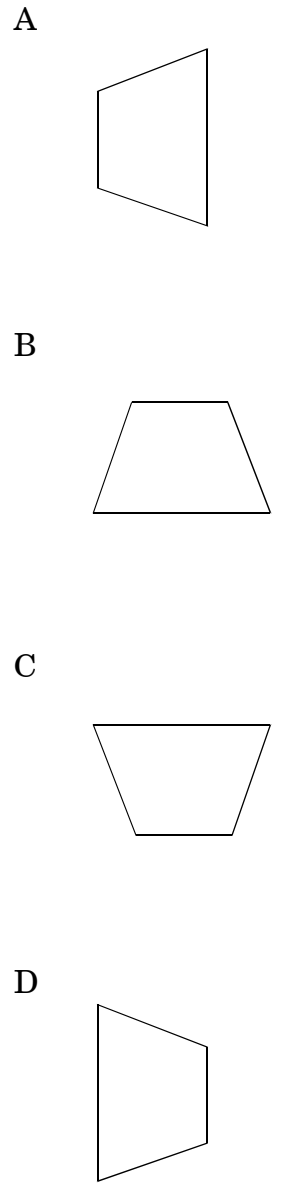
6. How will the kite look if the wind rotates it 90° counterclockwise?



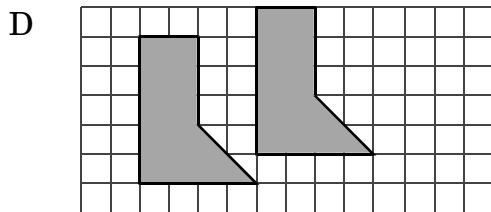
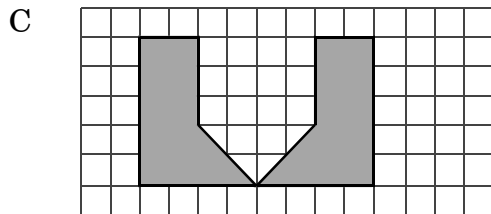
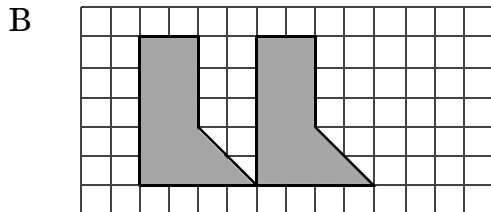
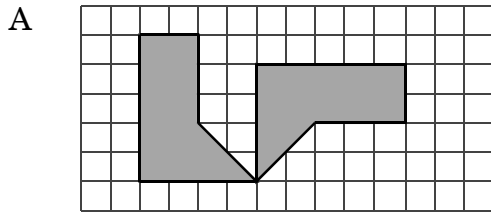
7.



Which figure is a reflection of the polygon over the dotted line?



8. Which of the following shows a shaded figure and its rotation?



End of Goal 3 Sample Items

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Answers to EOG Grade 4 Math Sample Items

Goal 3

1. Objective 3.01

Use the coordinate system to describe the location and relative position of points and draw figures in the first quadrant.

Thinking Skill: Applying **Correct Answer:** A

2. Objective 3.02

Describe the relative position of lines using concepts of parallelism and perpendicularity.

Thinking Skill: Organizing **Correct Answer:** D

3. Objective 3.02

Describe the relative position of lines using concepts of parallelism and perpendicularity.

Thinking Skill: Organizing **Correct Answer:** B

4. Objective 3.02

Describe the relative position of lines using concepts of parallelism and perpendicularity.

Thinking Skill: Organizing **Correct Answer:** C

5. Objective 3.02

Describe the relative position of lines using concepts of parallelism and perpendicularity.

Thinking Skill: Analyzing **Correct Answer:** D

6. Objective 3.03

Identify, predict, and describe the results of transformations of plane figures. a) Reflections. b) Translations. c) Rotations.

Thinking Skill: Applying **Correct Answer:** D

7. Objective 3.03

Identify, predict, and describe the results of transformations of plane figures. a) Reflections. b) Translations. c) Rotations.

Thinking Skill: Applying **Correct Answer:** D

8. Objective 3.03

Identify, predict, and describe the results of transformations of plane figures. a) Reflections. b) Translations. c) Rotations.

Thinking Skill: Applying **Correct Answer:** A