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



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 \overrightarrow{LN} ?



3. 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
- $C \quad \ \ straws \ 2 \ and \ 4 \\$
- $D \quad \ \ straws \ 2 \ and \ 3 \\$

- 4. 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

5. Which is a reflection of Figure I across the line?



6.



Which figure is a translation of the polygon?

Α



В



С

D



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



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



End of Goal 3 Sample Items

In compliance with federal law, including the provisions of Title IX of the Education Amendments of 1972, the Department of Public Instruction does not discriminate on the basis of race, sex, religion, color, national or ethnic origin, age, disability, or military service in its policies, programs, activities, admissions of employment. Gr04

Math Goal 3 Sample Items Key Report

1	Objective: 3.01 Use the coordinate sy draw figures in the fit first quadrant	stem to describe the location and r rst quadrant. Use the coordinate s	elative position of points ystem to draw figures in	s and i the
	Thinking Skill:	Applying	Correct Answer:	Α
2	Objective: 3.02 Describe the relative perpendicularity.	position of lines using concepts of p	parallelism and	
	Thinking Skill:	Organizing	Correct Answer:	D
3	Objective: 3.02 Describe the relative perpendicularity.	position of lines using concepts of p	parallelism and	
	Thinking Skill:	Organizing	Correct Answer:	С
4	Objective: 3.02 Describe the relative perpendicularity.	position of lines using concepts of p	parallelism and	Л
	I minking Skin:	Anaryzing	Correct Answer:	D
5	Objective: 3.03Reflections.Identify, Thinking Skill:	predict, and describe the results of Applying	f reflections of plane figu Correct Answer:	ires. B
6	Objective: 3.03Reflections.Identify, Thinking Skill:	predict, and describe the results of Applying	f reflections of plane figu Correct Answer:	ıres. B
7	Objective: 3.03Rotations.Identify, p Thinking Skill:	oredict, and describe the results of Applying	rotations of plane figures Correct Answer:	s. C
8	Objective: 3.03 Rotations. Identify, p Thinking Skill:	predict, and describe the results of a Applying	rotations of plane figures Correct Answer:	s. A