

**Math Grade 5 A**

**Grade Level Standard(s):**

KY.5.G.1

**Materials:**

- Math 5 A Coordinate Plane Map
- Math 5 A Attainment Task Questions for Student Use

**Response Code:**

- Indicate the answer provided by the student.

**Text Coding:**

- “Quotation marks” indicate the script that the teacher should read to the student.
- *Italicized text* provides further direction for the test administrator.
- Words in parenthesis ( ) are optional; they may replace or be read in addition to the word(s) immediately preceding.

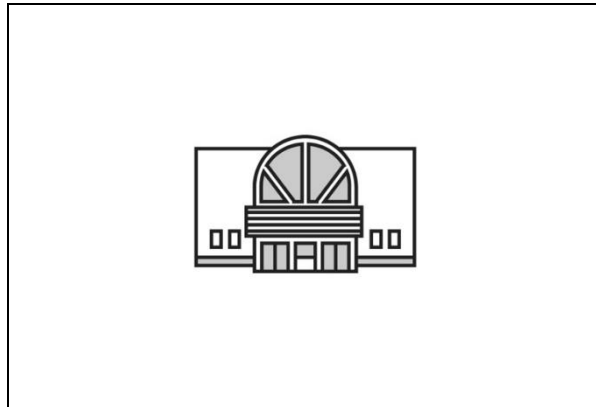
a.

School



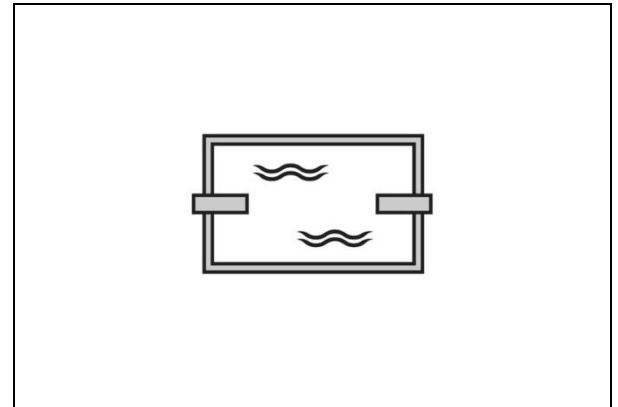
b.

Movie theater



c.

Pool



*Before beginning task administration, please ensure that all conditions specified in the administration protocol (starting on page 10 of the Administration Guide Overview and Attainment Task Administration) have been met. Inform the student that the task is about to start by saying, “We are about to start the task, and I am going to ask you some questions.”*

*All questions from this task are available for presentation to the student in the supplemental material Math 5 A Attainment Task Questions for Student Use.*

*Present student with Math 5 A Coordinate Plane Map.*

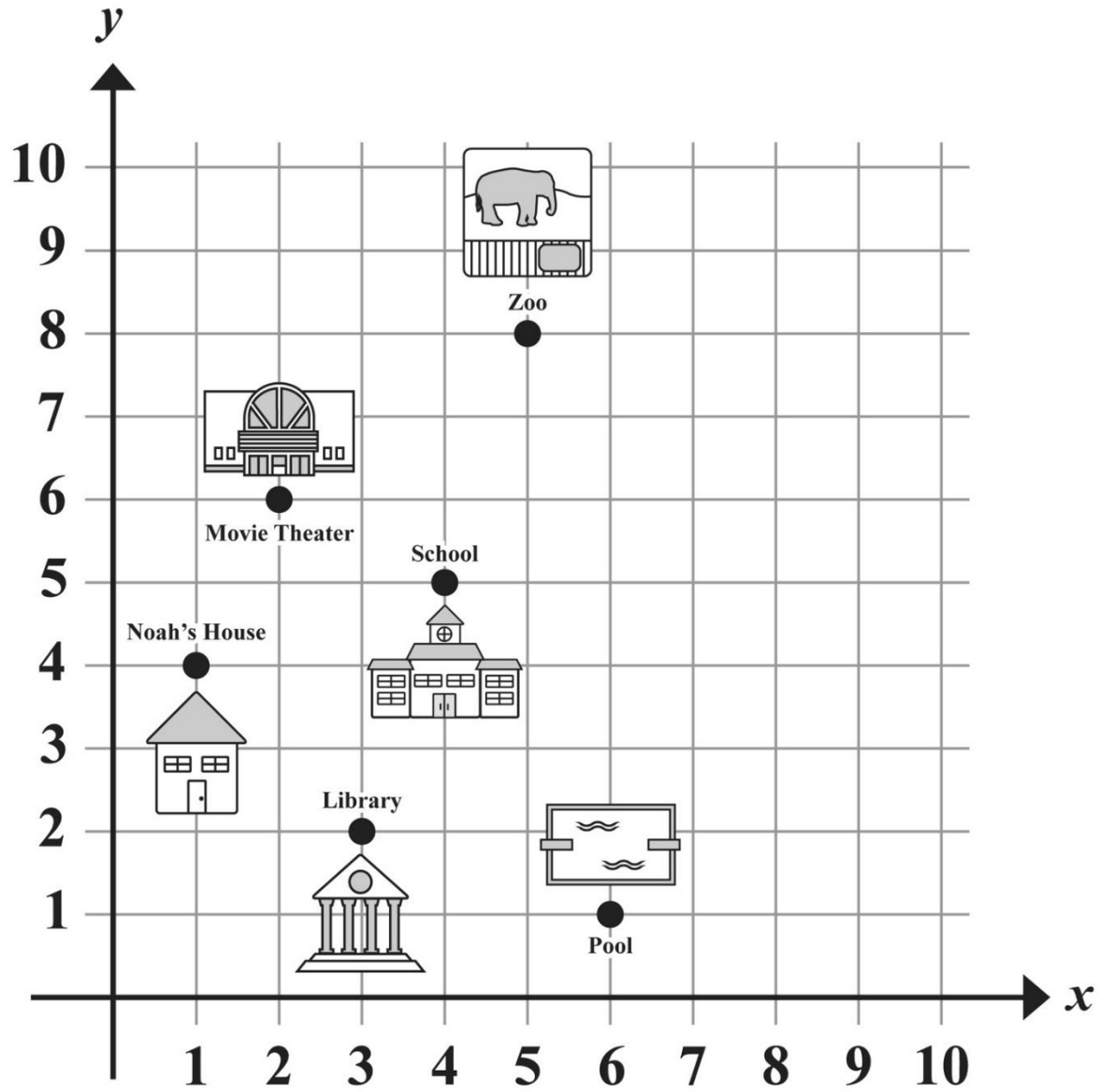
“Noah drew a map of his neighborhood on a coordinate plane. He uses this to help him better understand how to find locations of ordered pairs.”

“Noah places something at (6, 1) on his map.”

3. “Using the map, what is located at point (6, 1)?”

<b>Response Option</b>	<b>Response Rationale</b>
a. School	<i>The student uses the coordinate plane map but does not understand how to use coordinates and selects the item in the middle of the map.</i>
b. Movie theater	<i>The student uses the coordinate plane map but goes first goes up six and incorrectly identifies what is located at point (6,2).</i>
c. Pool <b>(Correct)</b>	<i>The student uses the coordinate plane map to correctly identify what is located at point (6,1).</i>
<b>Depth of Knowledge (DOK) 1</b>	

Math Grade 5 A Coordinate Plane Map



**Math 5 A Attainment Task Questions for Student Use**

3. Using the map, what is located at point (6, 1)?

**Kentucky Academic Standard:** KY.5.G.1 - Use a pair of perpendicular number lines, called axes, to define a coordinate system, with the intersection of the lines (the origin) arranged to coincide with the 0 on each line and a given point in the plane located by using an ordered pair of numbers, called its coordinates. Understand that the first number indicates how far to travel from the origin in the direction of one axis and the second number indicates how far to travel in the direction of the second. **MP.4, MP.7** *Note: Grade 5 limits to quadrant 1 of the coordinate plane.*

**Alternate Assessment Target:** *No limitations. All parts of the Kentucky Academic Standard are eligible to be included as an assessment item.*

Student Group	Number of Students*	Percent Correct
<b>All Students</b>	580	53.10%
<b>Gender</b>		
Female	199	51.26%
Male	381	54.07%
<b>Ethnicity</b>		
African American	68	47.06%
American Indian or Alaska Native	<10	Not Reported
Asian	<10	Not Reported
Hispanic or Latino	<10	Not Reported
Native Hawaiian or Pacific Islander	<10	Not Reported
White (Non-Hispanic)	415	56.14%
Two or More Races	88	43.18%
<b>English Learner</b>	38	39.47%
<b>Economically Disadvantaged</b>	407	52.83%

\*Number of students that attempted the item