Grade Level Standard(s):

KY.3.G.1

Materials:
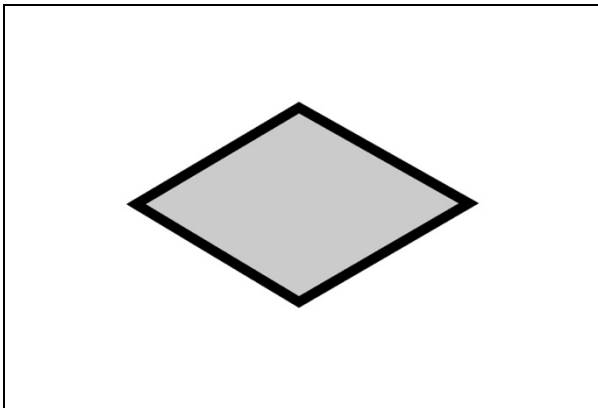- Math 3 E Attainment Task Questions for Student Use

Response Code:
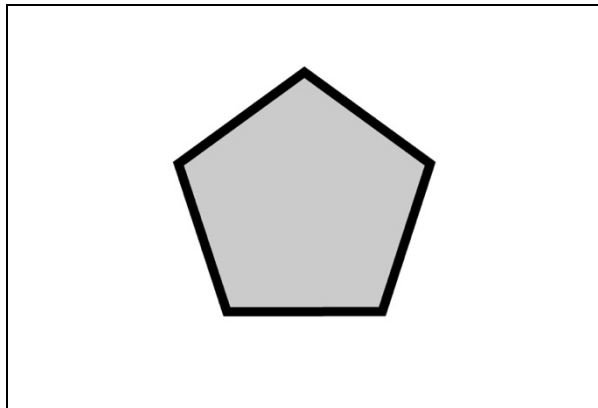- Indicate the answer provided by the student.

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.
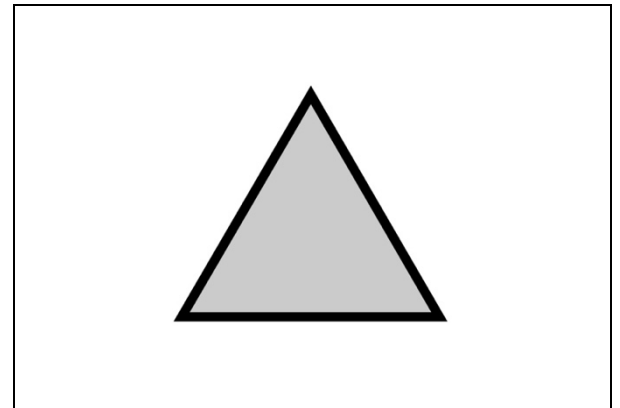
a. Rhombus

b. Pentagon

c. Triangle

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 3 E Attainment Task Questions for Student Use.

"Ms. Thomas' class is studying a variety of math concepts (ideas). She explains that you can use attributes of polygons to classify shapes. The first attribute they discuss is the number of sides a shape has."

Present student with **student picture response options (on opposite page)**.

2. "Which of the following shapes has four sides and four vertices?"

Response Option	Response Rationale
a. Rhombus **(Correct)**	*The student correctly identifies the shape with four sides and four vertices.*
b. Pentagon	*The student incorrectly identifies the shape with five sides and five vertices.*
c. Triangle	*The student incorrectly identified the shape with three sides and three vertices.*
Depth of Knowledge (DOK) 1	

Math 3 E Attainment Task Questions for Student Use

2. Which of the following shapes has four sides and four vertices?

Kentucky Academic Standard: KY.3.G.1 - Classify polygons by attributes. a. Recognize and classify polygons based on the number of sides and vertices (triangles, quadrilaterals, pentagons and hexagons). b. Recognize and classify quadrilaterals (rectangles, squares, parallelograms, rhombuses, trapezoids) by side lengths and understanding shapes in different categories may share attributes and the shared attributes can define a larger category. c. Identify shapes that do not belong to a given category or subcategory. **MP.6, MP.7**

Alternate Assessment Target: Limit full standard to understanding that shapes in different categories may share attributes. a. No further limitations b. Limit to rectangles, squares and rhombuses c. No further limitations

Student Group	Number of Students	Percent Correct
All Students	502	49.20%
Gender		
Female	170	43.53%
Male	332	52.11%
Ethnicity		
African American	59	44.07%
American Indian or Alaska Native	<10	Not Reported
Asian	<10	Not Reported
Hispanic of Latino	<10	Not Reported
Native Hawaiian of Pacific Islander	<10	Not Reported
White (Non-Hispanic)	370	51.08%
Two or More Races	68	45.59%
English Learner	28	39.29%
Economically Disadvantaged	372	53.76%

*Number of students that attempted the item