Grade Level Standard(s):

KY.5.MD.2

Materials:
- Math 5 C Attainment Task Questions for Student Use

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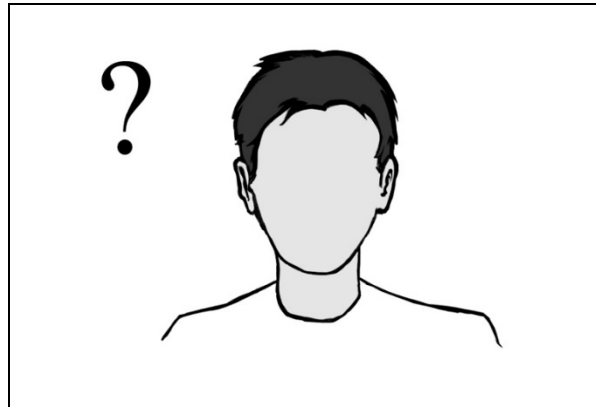- Indicate the answer provided by the student.

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.   How do you read your favorite book?

b.   How do you pick your favorite author?

c.   How many books did you read this summer?

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 C Attainment Task Questions for Student Use.

"Rafael surveyed his classmates about their favorite summertime activities. His options were reading, swimming, playing video games, playing baseball, or playing outside."

3. "Which of the following questions would result in numerical data?"

Response Option	Response Rationale
a. How do you read your favorite book?	*The student recognizes this as a question that might be asked on a survey but does not understand this question will not result in numerical data.*
b. How do you pick your favorite author?	*The student recognizes this as a question that might be asked on a survey but does not understand this question will not result in numerical data.*
c. How many books did you read this summer? **(Correct)**	*The student identifies this as a survey question that will result in numerical data.*
Depth of Knowledge (DOK) 3	

Math 5 C Attainment Task Questions for Student Use

3. Which of the following questions would result in numerical data?

Kentucky Academic Standard: KY.5.MD.2 - Identify and gather data for statistical questions focused on both categorical and numerical data. Select an appropriate data display (bar graph, pictograph, dot plot). Make observations from the graph about the questions posed. **MP.4, MP.5, MP.6**

Alternate Assessment Target: *Limit to bar graph and pictograph.*

Student Group	Number of Students*	Percent Correct
All Students	535	50.28%
Gender		
Female	174	51.72%
Male	360	49.72%
Ethnicity		
African American	58	48.28%
American Indian or Alaska Native	<10	Not Reported
Asian	10	50.00%
Hispanic of Latino	<10	Not Reported
Native Hawaiian of Pacific Islander	<10	Not Reported
White (Non-Hispanic)	406	50.49%
Two or More Races	60	50.00%
English Learner	33	48.48%
Economically Disadvantaged	435	49.43%

*Number of students that attempted the item