

Math Grade 4 A

Grade Level Standard(s):

KY.4.OA.2

Materials:

- Math 4 A Attainment Task Questions for Student Use

Response Code:

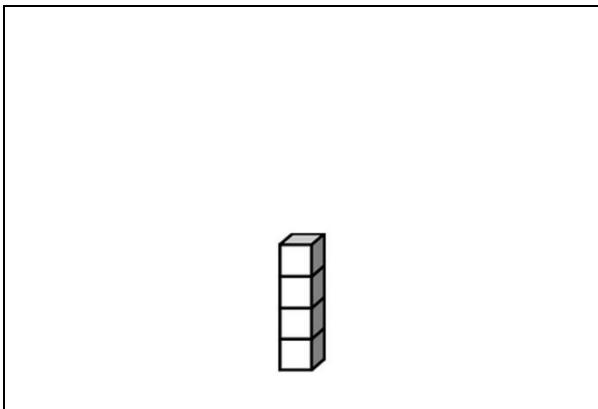
- Indicate the answer provided by the student.

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.

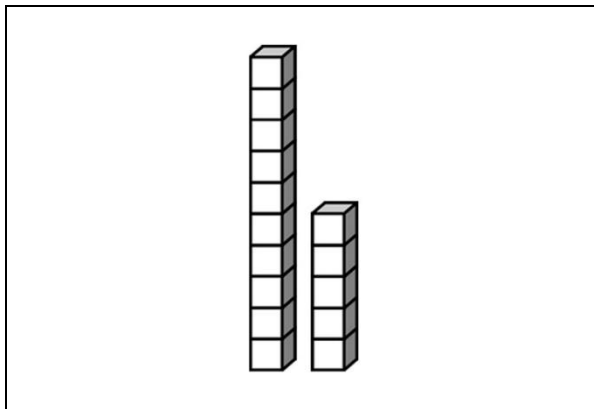
a.

\$4



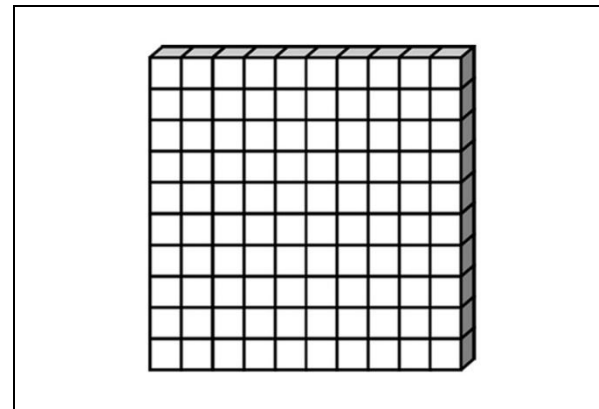
b.

\$15



c.

\$100



Before beginning task administration, please ensure that all conditions specified in the administration protocol (starting on page 9 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 material Math 4 A Attainment Task Questions for Student Use.

“Antwon has been saving his allowance so he can buy new toys at the store.”

2. “Antwon sees a cool dinosaur figure that costs \$20. That is five times the amount of a lion figure. How much does the lion figure cost?”

Response Option	Response Rationale
a. \$4 (Correct)	<i>The student correctly selects the operation of division and uses the two numbers in the word problem in the correct sequence.</i>
b. \$15	<i>The student selects subtraction instead of division and subtracts the second number in the word problem from the first number in the word problem.</i>
c. \$100	<i>The student selects multiplication instead of division and multiplies the two numbers in the word problem.</i>
Depth of Knowledge (DOK) 2	

Math 4 A Attainment Task Questions for Student Use

2. Antwon sees a cool dinosaur figure that costs \$20. That is five times the amount of a lion figure. How much does the lion figure cost?

Kentucky Academic Standard: KY.4.OA.2 - Multiply or divide to solve word problems involving multiplicative comparisons by using drawings and equations with a symbol for the unknown number to represent the problem, distinguishing multiplicative comparison from additive comparison.
MP.1, MP.2, MP.3

Alternate Assessment Target: *Limit to multiplicative comparisons within 100.*

Student Group	Number of Students*	Percent Correct #2
	685	24.53%
All Students		
Gender	208	20.67%
Female	477	26.21%
Male		
Ethnicity	94	26.60%
African American	<10	Not Reported
American Indian or Alaska Native	20	40.00%
Asian	55	25.45%
Hispanic of Latino	<10	Not Reported
Native Hawaiian of Pacific Islander	478	23.43%
White (Non-Hispanic)	33	21.21%
Two or More Races		
	59	28.81%
English Learner		
	463	23.11%
Economically Disadvantaged	685	24.53%

*Number of students that attempted the item