

Math Grade 7 C

Grade Level Standard(s):

KY.7.EE.3

Materials:

- Math 7 C Attainment Task Questions for Student Use

Response Code:

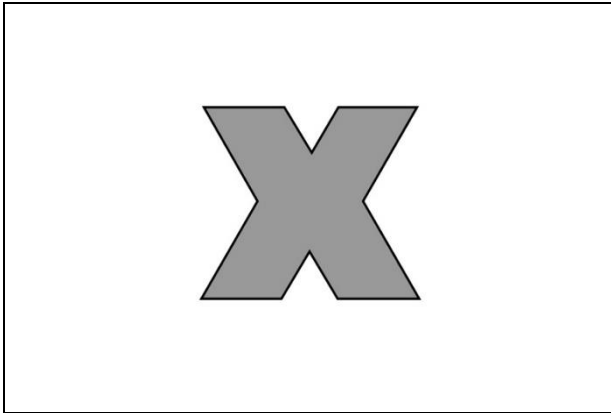
- Indicate the answer provided by the student.

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.

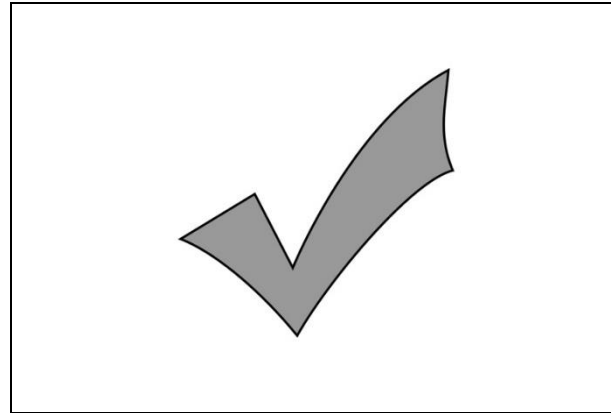
a.

No, it is less than they need.



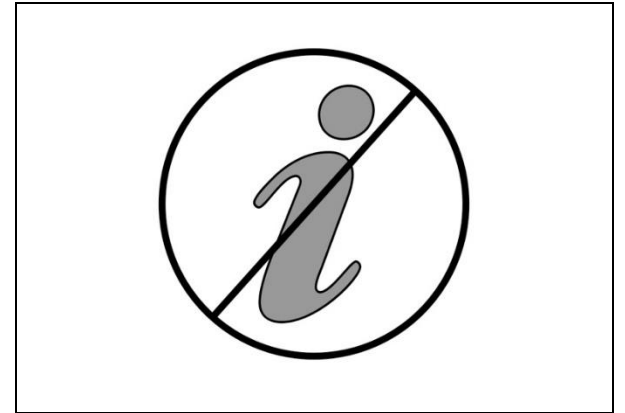
b.

Yes, it is more than they need.



c.

There is not enough information to know.



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 7 C Attainment Task Questions for Student Use.

“Lucy wants to try something different with her two friends. They decide to go to a pottery shop and look up the prices to make sure they have enough money to go. It will cost each person \$10.00 for paint and up to \$13.00 for the pottery.”

5. “If they have \$70, will this be enough money to pay for the three friends?”

Response Option	Response Rationale
a. No, it is less than they need.	<i>The student attempts to set up and estimate the multi-step real world problem but incorrectly determines that in some case it may cost more than \$70.</i>
b. Yes, it is more than they need. (Correct)	<i>The student sets up and correctly estimates the multi-step real world problem and determines the friends have more money than they need.</i>
c. There is not enough information to know.	<i>The student is unable to determine the necessary information to set up and estimate the multi-step real world problem.</i>
Depth of Knowledge (DOK) 2	

Math 7 C Attainment Task Questions for Student Use

5. If they have \$70, will this be enough money to pay for the three friends?

Kentucky Academic Standard: KY.7.EE.3 - Solve real-life and mathematical problems posed with positive and negative rational numbers in any form, using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies. **MP.1, MP.4, MP.6**

Alternate Assessment Target: *Limit range of solutions to within negative 100 and 100. When problems involve fractions, limit denominators to 2, 3, 4, 5, 6, 8, 10 and 12. When problems include mental computation/estimation (rounding), limit rounding to the nearest “tens” for integer values. Limit rounding to the nearest “tenth” for decimals.*

Student Group	Number of Students*	Percent Correct
All students	546	56.59%
Gender		
Female	197	56.85%
Male	349	56.45%
Ethnicity		
African American	74	48.65%
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)	393	56.74%
Two or More Races	70	64.29%
English Learner	29	44.83%
Economically Disadvantaged	412	57.04%

*Number of Students that attempted the item