

Math Grade 7 C

Grade Level Standard(s):

KY.7.EE.1

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.

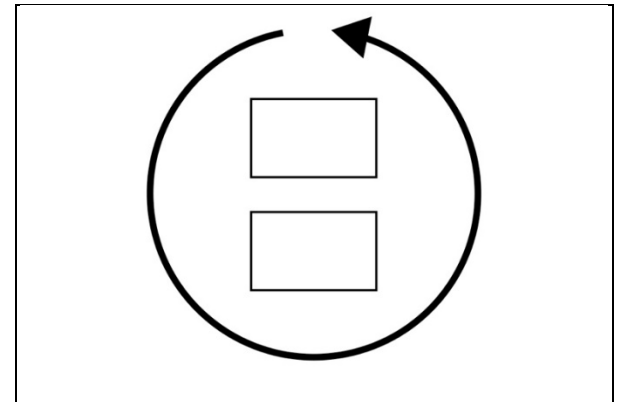
a. $10 - (5 + 2)$

$$10 - (5 + 2)$$

b. $10 - 7$

$$10 - 7$$

c. Both a. and b.



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 and her friend went to the movies. They bought 1 ticket and 1 drink each. Each ticket costs \$5 and each drink costs \$2. Lucy and her friend were trying to figure out how much money they needed.”

2. “Lucy had \$10.00. It cost her \$7.00 for the ticket and drink. Which of the following shows how much money Lucy has left?”

Response Option	Response Rationale
a. $10 - (5 + 2)$	<i>The student determines response a describes the residual quantity by applying properties of operations but does not recognize that b also describes a residual quantity.</i>
b. $10 - 7$	<i>The student determines response b describes the residual quantity by applying properties of operations but does not recognize that a also describes a residual quantity.</i>
c. Both a. and b. (Correct)	<i>The student determines both responses describe the residual quantity by applying properties of operations to both response a and response b.</i>
Depth of Knowledge (DOK) 2	

Math 7 C Attainment Task Questions for Student Use

2. Lucy had \$10.00. It cost her \$7.00 for the ticket and drink. Which of the following show how much money Lucy has left?

Kentucky Academic Standard: KY.7.EE.1 Apply properties of operations as strategies to add, subtract, factor and expand linear expressions with rational coefficients. **MP.2, MP.3**

Alternate Assessment Target: *Limit range of rational numbers from negative 20 to 20.*

Student Group	Number of Students*	Percent Correct
All students	404	35.40%
Gender		
Female	126	34.92%
Male	278	35.61%
Ethnicity		
African American	51	33.33%
American Indian or Alaska Native	< 10	Not Reported
Asian	< 10	Not Reported
Hispanic or Latino	21	42.86%
Native Hawaiian or Pacific Islander	< 10	Not Reported
White (non-Hispanic)	306	34.97%
Two or More Races	16	31.25%
English Learner	21	28.57%
Economically Disadvantaged	306	33.33%

* Number of Students that attempted the item