

Math Grade 6 B

Grade Level Standard(s):

KY.6.RP.1

Materials:

- Math 6 B Counter Cutout Sheet
- Math 6 B Sentence Template
- Math 6 B 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. 8 to 12

8 to 12

b. 4 to 8

4 to 8

c. 8 to 4

8 to 4

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 6 B Attainment Task Questions for Student Use.

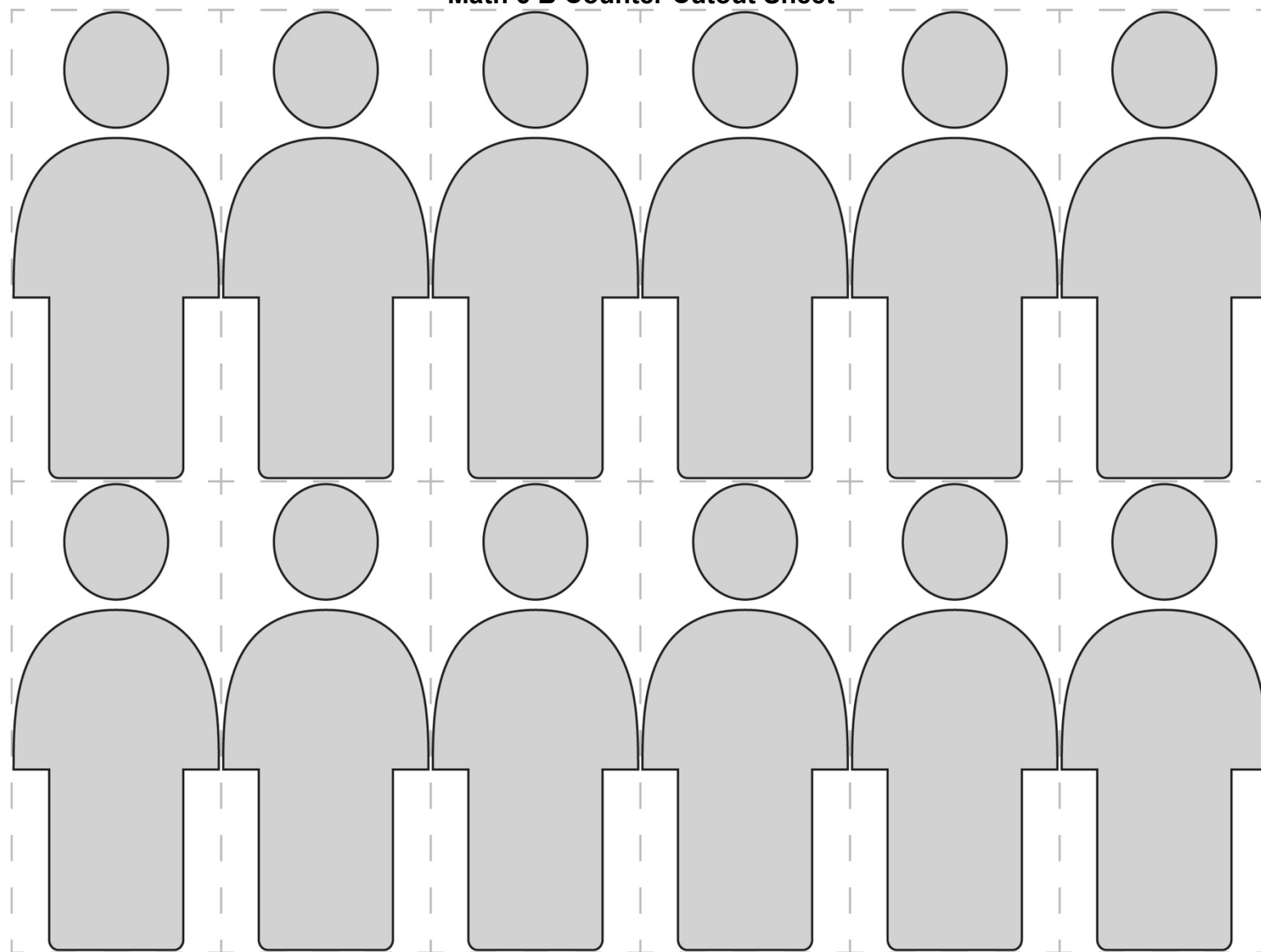
“Every Saturday the kids play basketball at Katie’s house. This Saturday there are 12 children playing basketball. Eight of the children are girls.”

Present the student with Math 6 B Counter Cutout Sheet (these may be cut apart for the student). The counters may be used to answer the following question.

1. “What is the ratio of girls to boys?”

Response Option	Response Rationale
a. 8 to 12	<i>The student uses ratio language to compare two quantities but compares the number of girls to the total number of children, a ratio of part to the whole.</i>
b. 4 to 8	<i>The student uses ratio language to compare two quantities but compares the number of boys to the number of girls, a ratio that is improperly ordered.</i>
c. 8 to 4 (Correct)	<i>The student uses ratio language to compare two quantities, the number of girls to the number of boys, by constructing a ratio that is properly ordered.</i>
Depth of Knowledge (DOK) 2	

Math 6 B Counter Cutout Sheet



Math 6 B Attainment Task Questions for Student Use

1. What is the ratio of girls to boys?

Kentucky Academic Standard: KY.6.RP.1 Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities. **MP.2, MP.6**

Alternate Assessment Target: *Limit to demonstrate the concept of ration, use symbols “to” or “:”. Limit numerator to 12 or less. Limit the denominator to 2, 3, 4 5, 6, 8, 10, 12.*

Student Group	Number of Students*	Percent Correct
All students	426	48.83%
Gender		
Female	145	54.48%
Male	281	45.91%
Ethnicity		
African American	55	43.64%
American Indian or Alaska Native	<10	Not Reported
Asian	<10	Not Reported
Hispanic or Latino	17	41.18%
Native Hawaiian or Pacific Islander	<10	Not Reported
White (non-Hispanic)	332	49.70%
Two or More Races	15	53.33%
English Learner	19	42.11%
Economically Disadvantaged	339	48.97%

* Number of Students that attempted the item