Understanding Ratios

Conceptual Lesson
Grade 7 · Unit 3 · Lesson 1
MC: 7.RP.1▲

Problem of the Day

Objective: _____

Vocabulary

Ratio: a comparison of two quantities

The ratio of circles to stars:
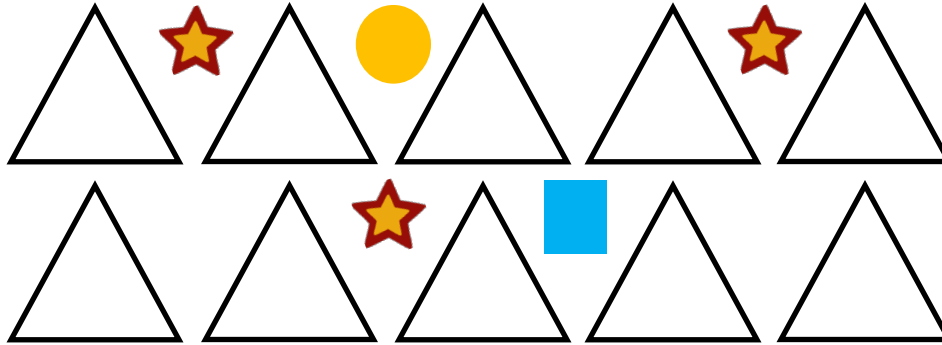$\frac{2}{5}$ or 2:5 or 2 to 5

Notes

Steps:

1. Read and identify the question.
2. Determine the information needed.
3. Determine the quantity.
4. Write the ratio.

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Directions: Read and solve.

1. What is the ratio of stars to total shapes? Write your answer in more than one form.

2. Sixteen students are going outside for recess and 7 students are staying inside. What is the ratio of the number of students who are staying inside for recess to the number of students going outside for recess?

Directions: Read and solve.

1. What is the ratio of bananas to other fruits?

2. Six out of the 18 cookies had chocolate chips. What is the ratio of the number of cookies without chocolate chips to the total number of cookies?

Closure

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Recap today's lesson with one or more of the following questions:

✓**MP1:** *How would you describe what you are trying to find?*
✓**MP3:** *What were you considering when identifying the units?*