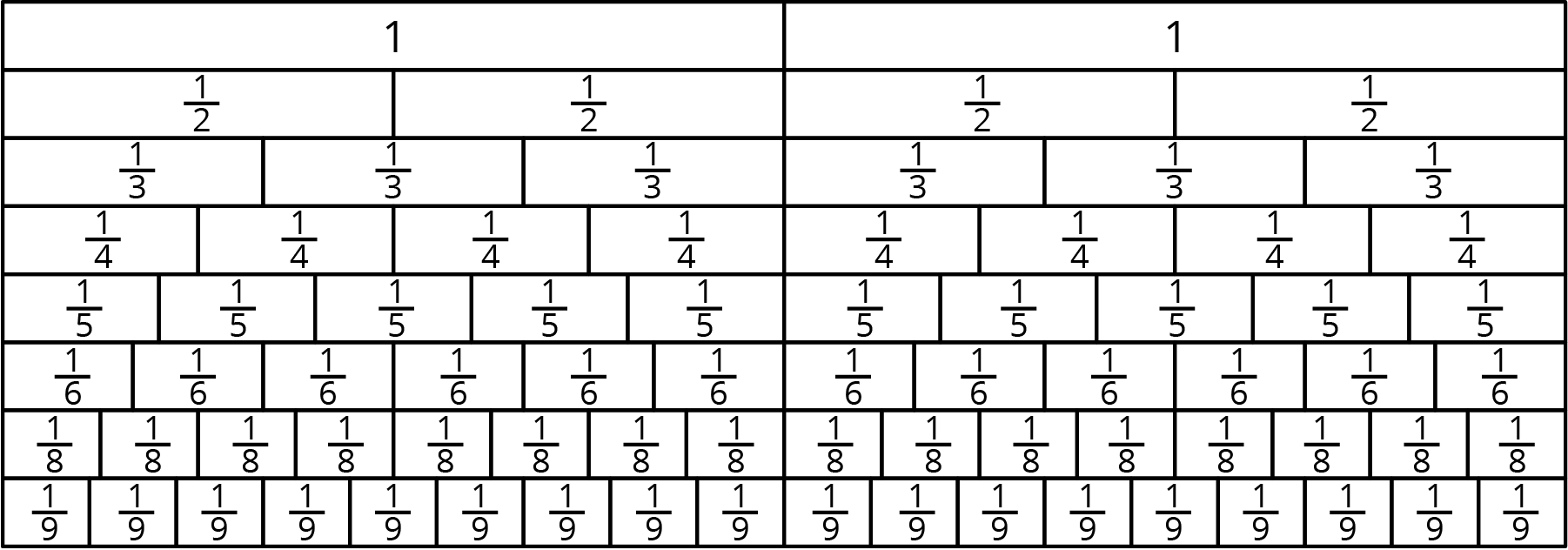
## Unit 4 Lesson 5: How Many Groups? (Part 2)

### 1 Reasoning with Fraction Strips (Warm up)

#### Student Task Statement

Write a fraction or whole number as an answer for each question. If you get stuck, use the fraction strips. Be prepared to share your reasoning.

1. How many s are in 2?
2. How many s are in 3?
3. How many s are in ?

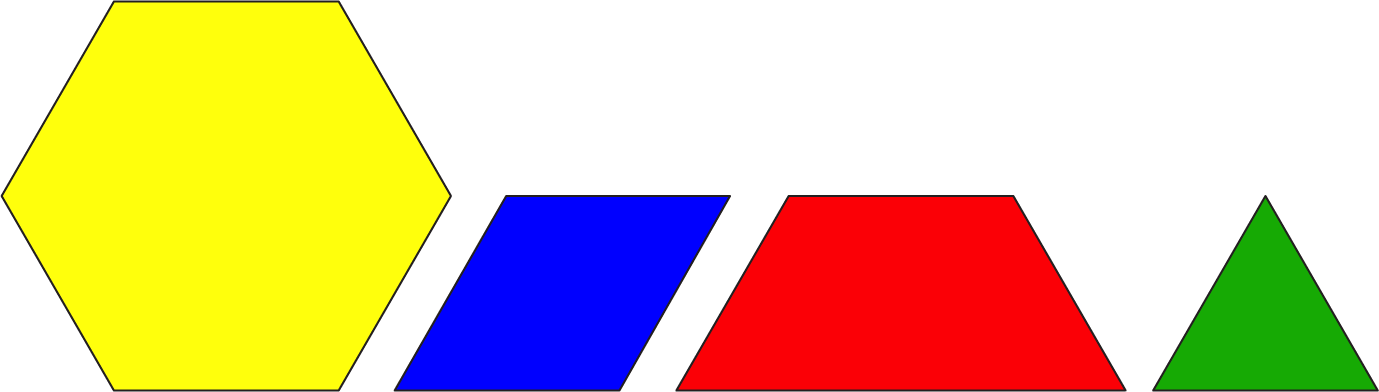


### 2 More Reasoning with Pattern Blocks

#### Student Task Statement

Your teacher will give you pattern blocks. Use them to answer the questions.

1. If the trapezoid represents 1 whole, what do each of the other shapes represent? Be prepared to show or explain your reasoning.

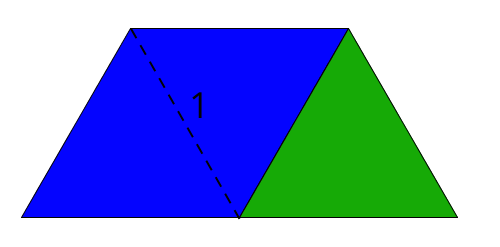
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1. Use pattern blocks to represent each multiplication equation. Use the trapezoid to represent 1 whole.
2. Diego and Jada were asked “How many rhombuses are in a trapezoid?”
   * Diego says, “. If I put 1 rhombus on a trapezoid, the leftover shape is a triangle, which is of the trapezoid.”
   * Jada says, “I think it’s . Since we want to find out ‘how many rhombuses,’ we should compare the leftover triangle to a rhombus. A triangle is of a rhombus.”

* Do you agree with either of them? Explain or show your reasoning.

1. Select **all** the equations that can be used to answer the question: “How many rhombuses are in a trapezoid?”

#### Activity Synthesis



### 3 Drawing Diagrams to Show Equal-sized Groups (Optional)

#### Student Task Statement

For each situation, draw a diagram for the relationship of the quantities to help you answer the question. Then write a multiplication equation or a division equation for the relationship. Be prepared to share your reasoning.

1. The distance around a park is miles. Noah rode his bicycle around the park for a total of 3 miles. How many times around the park did he ride?
2. You need yard of ribbon for one gift box. You have 3 yards of ribbon. How many gift boxes do you have ribbon for?
3. The water hose fills a bucket at gallon per minute. How many minutes does it take to fill a 2-gallon bucket?



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