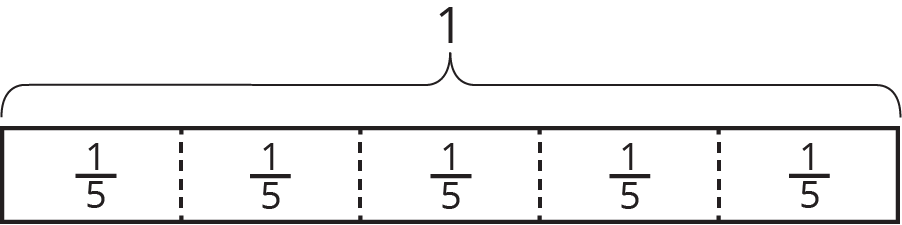
## Unit 4 Lesson 4: How Many Groups? (Part 1)

### 1 Equal-sized Groups (Warm up)

#### Student Task Statement

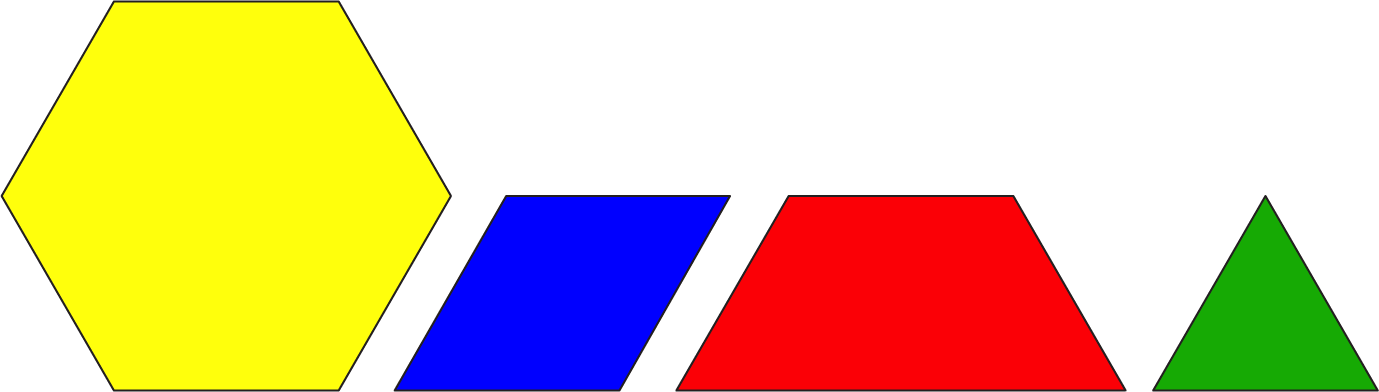
Write a multiplication equation and a division equation for each sentence or diagram.

1. Eight $5 bills are worth $40.
2. There are 9 thirds in 3 ones.
3. 

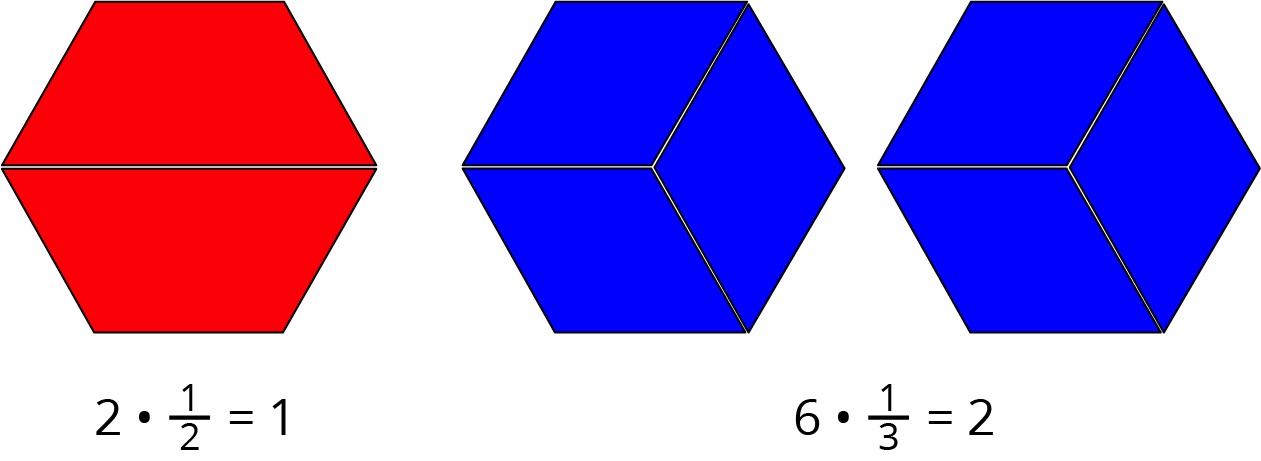
### 2 Reasoning with Pattern Blocks

#### Student Task Statement

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



1. If a hexagon represents 1 whole, what fraction does each of the following shapes represent? Be prepared to show or explain your reasoning.
   * 1 triangle
   * 1 rhombus
   * 1 trapezoid
   * 4 triangles
   * 3 rhombuses
   * 2 hexagons
   * 1 hexagon and 1 trapezoid
2. Here are Elena’s diagrams for and . Do you think these diagrams represent the equations? Explain or show your reasoning.

* 

1. Use pattern blocks to represent each multiplication equation. Remember that a hexagon represents 1 whole.
2. Answer the questions. If you get stuck, consider using pattern blocks.
   1. How many s are in 4?
   2. How many s are in 2?
   3. How many s are in ?



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