

• Let's take a look at how to solve this using a number line and a fraction bar.

We will start by creating a number line broken into fourths and a fraction bar broken into fourths.



- We are going to give equal amounts of trail mix to each person. How can we show this in the model?
 - We will divide the shaded portion so that it includes six equal-sized pieces.
- How will we show this on the number line?
 - ^a There are three equal sections on the number line that also need to be divided into six equal shares.



- Next, we need to determine the unit. What did we do to each of the three sections in the fraction bar?
 - We divided them into two pieces.
- What should we do to the remaining piece of the fraction bar?
 - Divide it into two pieces.
- How many pieces are there total?
 - B pieces



: Interpre Models 9/16/13

Interpreting Division of a Whole Number by a Fraction—Visual Models





What does each piece or section represent?



This is an example of partitive division. You can tell because we were given the original amount of trail mix and how many "parts" of trail mix to make. We needed to determine the size of each part, where the size of each part is less than the original amount.

Example 2 (5 minutes)

MP.1

MP.2





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Lesson 1

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