## Unit 3 Lesson 7: Fractions as Sums

### WU Choral Count: Three-fourths at a Time (Warm up)

#### Student Task Statement

### 1 Barley Soup

#### Student Task Statement

Lin is learning to make barley soup using a family recipe. Here are some ingredients in the recipe:

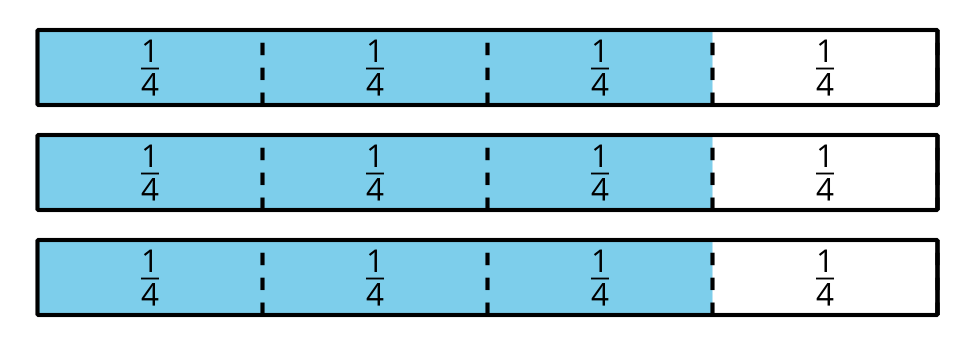
* cup of barley
* cups of chopped celery
* cups of chopped carrots
* 1 cup of chopped onions
* cups of vegetable broth



1. Lin has only one measuring cup that measures cup. Show how Lin could use the cup to measure the right amount of each ingredient.
   * Barley:
   * Celery:
   * Carrots:
   * Onions:
   * Vegetable broth:
2. Lin later found a -cup measuring cup. Show how she could use the cups to measure the right amount of each ingredient.
   * Barley:
   * Celery:
   * Carrots:
   * Onions:
   * Vegetable broth:

#### Activity Synthesis





### 2 Sums in Fifths and Thirds

#### Student Task Statement

1. Use different combinations of fifths to make a sum of .
2. Write different ways to use thirds to make a sum of . How many can you think of? Write an equation for each combination.
3. Is it possible to write any fraction with a denominator of 5 as a sum of other fifths? Explain or show your reasoning.



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