## Lesson 7: Fractions as Sums

* Let’s write fractions as sums.

### 7.1: Barley Soup

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:

### 7.2: Sums in Fifths and Thirds

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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