

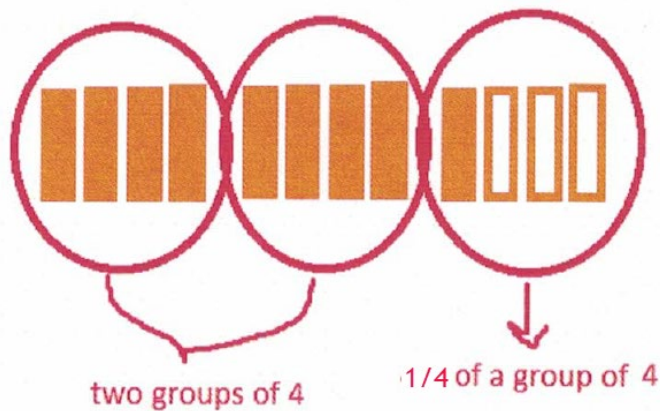
## Explanation 1

Let's start by thinking about the batch that has 4 cups of pumpkin and 9 cups of oatmeal.

We want to know how many times more oatmeal there is than pumpkin. It takes 2 groups of the 4 cups of pumpkin, plus  $\frac{1}{4}$  of a group of 4 cups of pumpkin to equal the same amount of oatmeal. There are  $2\frac{1}{4}$  times as much oatmeal as there is pumpkin.



One Batch



Now we want to make a larger batch of monkey chow that follows the same recipe. If we use 10 cups of pumpkin, we will need  $2\frac{1}{4}$  times as much oatmeal.

Two groups of 10 cups is 20 cups. To find  $\frac{1}{4}$  of a group of 10 cups, we can split 10 cups in half, to get 5 cups. Then we split 5 cups in half to get  $2\frac{1}{2}$  cups. Altogether we need 22.5 cups of oatmeal.

