



# Equal Groups of Unit Fractions

Let's look at equal groups of fractions.

## Warm-up

### How Many Do You See: Oranges

How many do you see? How do you see them?

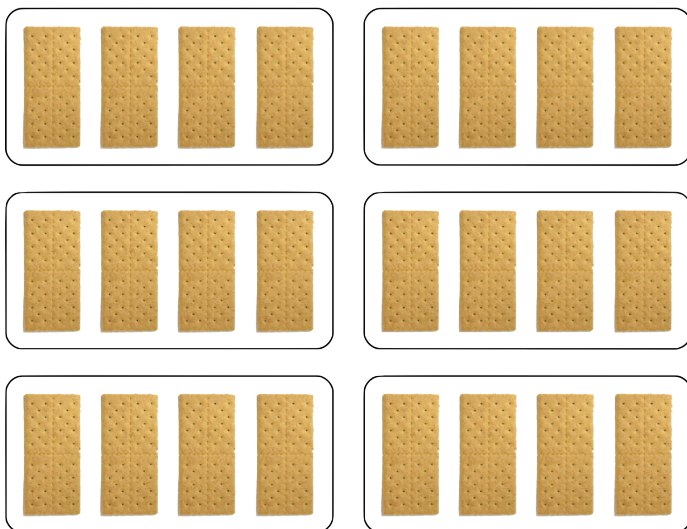


## Activity 1

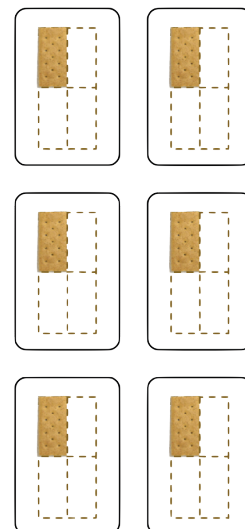
### Crackers, Kiwis, and More

1. Here are some images of crackers:

**A**



**B**



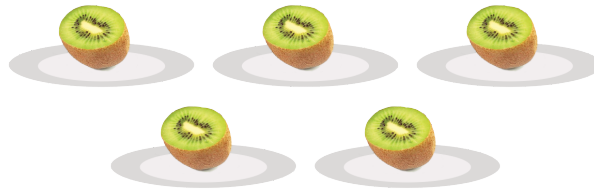
- How are the crackers in Image A and Image B alike?
- How are they different?
- How many crackers are in each image?
- Write an expression to represent the crackers in each image.

2. Here are more images and descriptions of food items. For each question, write a multiplication expression to represent the quantity. Then answer the question.

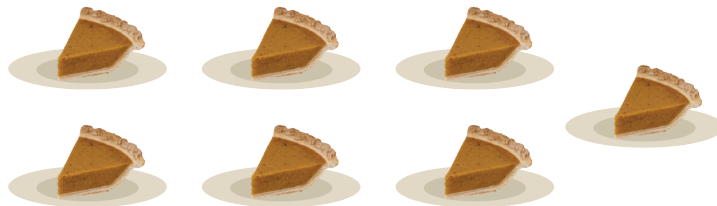
- a. Clare has 3 baskets. She put 4 eggs into each basket. How many eggs did she put in baskets?



- b. Diego has 5 plates. He put  $\frac{1}{2}$  of a kiwi fruit on each plate. How many kiwis did he put on plates?



- c. Priya prepares 7 plates with  $\frac{1}{8}$  of a pie on each. How much pie does she put on plates?



- d. Noah scoops  $\frac{1}{3}$  cup of brown rice 8 times. How many cups of brown rice does he scoop?



## Activity 2

### What Could It Mean?

For each expression:

- Write a story that the expression could represent. The story should be about a situation with equal groups.
- Create a drawing to represent the situation.
- Find the value of the expression. What does this number mean in your story?

1.  $8 \times \frac{1}{2}$

2.  $7 \times \frac{1}{5}$