



# One Piece of One Part

Let's solve problems about unit fractions.

## Warm-up

### Notice and Wonder: Macaroni and Cheese

What do you notice? What do you wonder?



## Activity 1

### Of What?

A pan of macaroni and cheese is  $\frac{1}{2}$  full. Lin eats  $\frac{1}{3}$  of the remaining macaroni and cheese in the pan.

1. Draw a diagram to represent the situation.

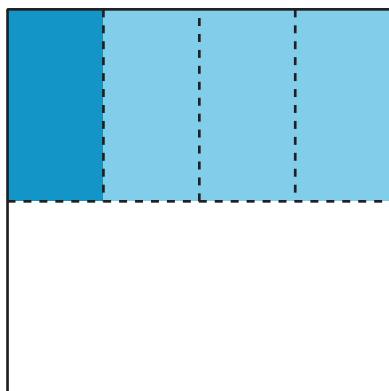
2. Explain or show your reasoning.

## Activity 2

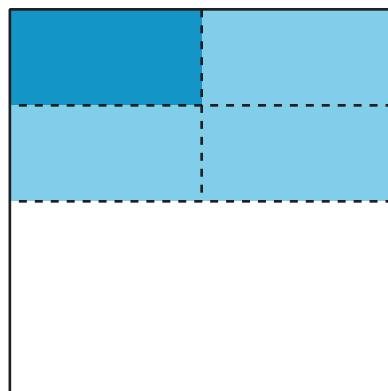
### The Same, but Different

- How does each diagram represent  $\frac{1}{4}$  of  $\frac{1}{2}$  of a pan of macaroni and cheese? Explain or show your reasoning.

A



B



- Use the diagrams to show that  $\frac{1}{4}$  of  $\frac{1}{2}$  is  $\frac{1}{8}$  of the whole pan.