Unit 3, Lesson 1

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.

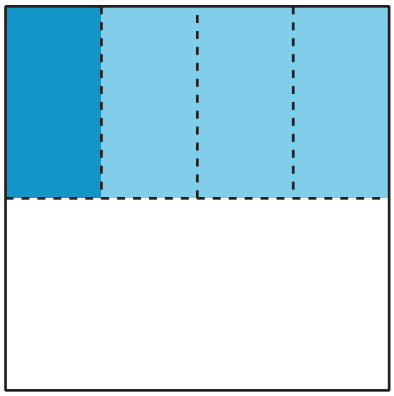
2. Explain or show your reasoning.

Activity 2

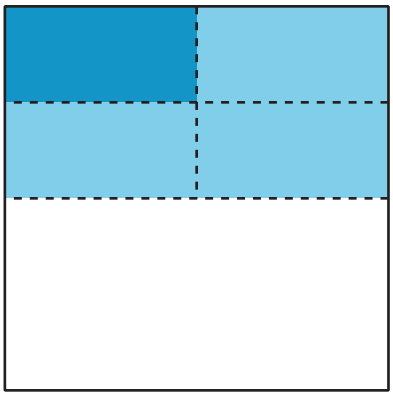
The Same, but Different

1. 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



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