

Lesson 1: One Piece of One Part

- Let's solve problems about unit fractions.

Warm-up: Notice and Wonder: Baked Macaroni and Cheese

What do you notice? What do you wonder?



1.1: Of What?

At a family dinner, 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.

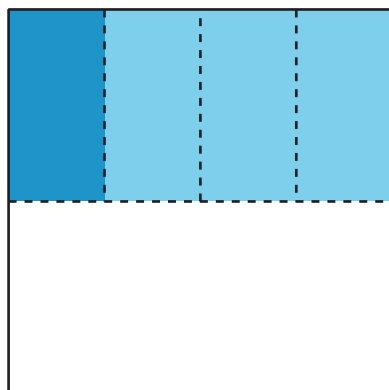
1. Draw a diagram to represent the situation.

2. Explain or show how you know your diagram represents the situation.

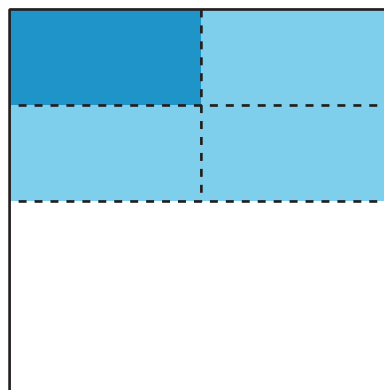
1.2: The Same, but Different

1. Explain or show how each diagram represents $\frac{1}{4}$ of $\frac{1}{2}$ of a pan of macaroni and cheese.

A



B



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