Unit 5, Lesson 11

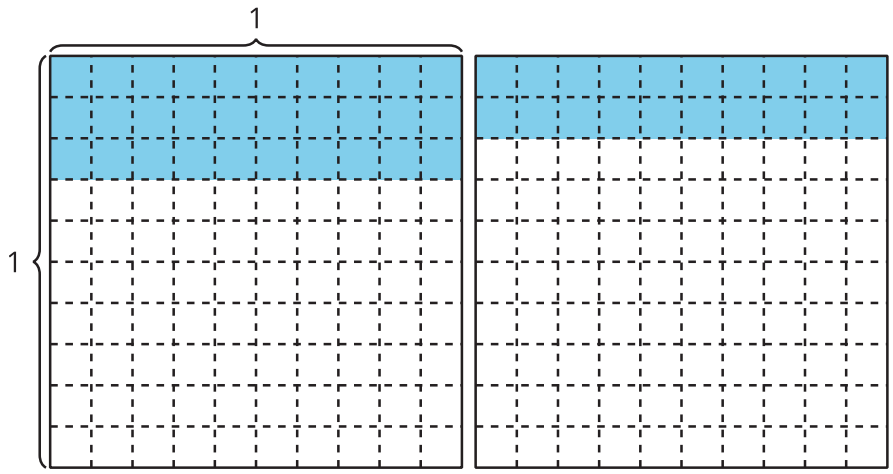
Make Sense of Decimal Addition

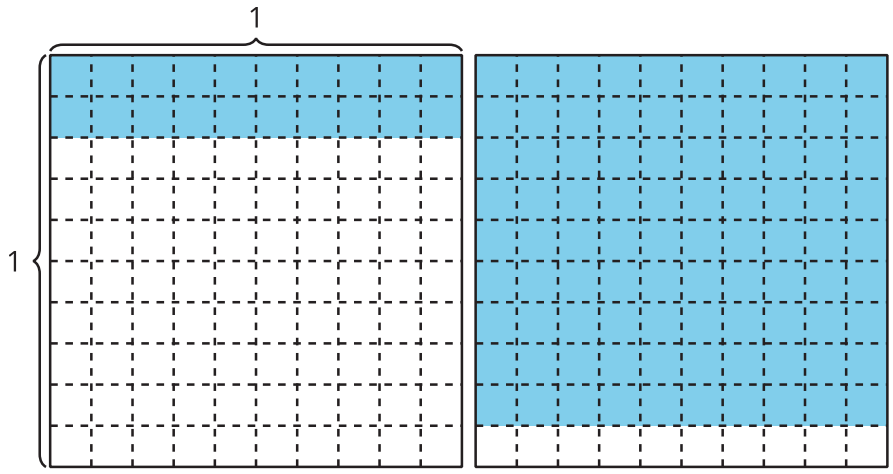
Let's add decimals.

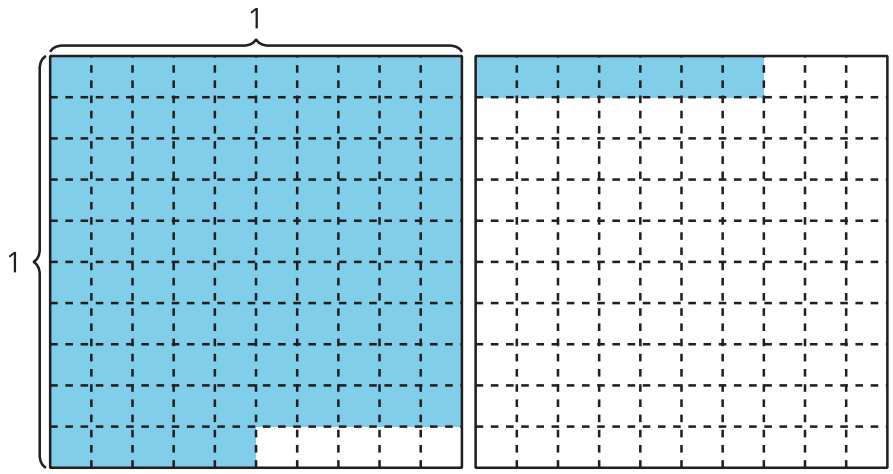
Warm-up

How Many Do You See: Diagrams

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



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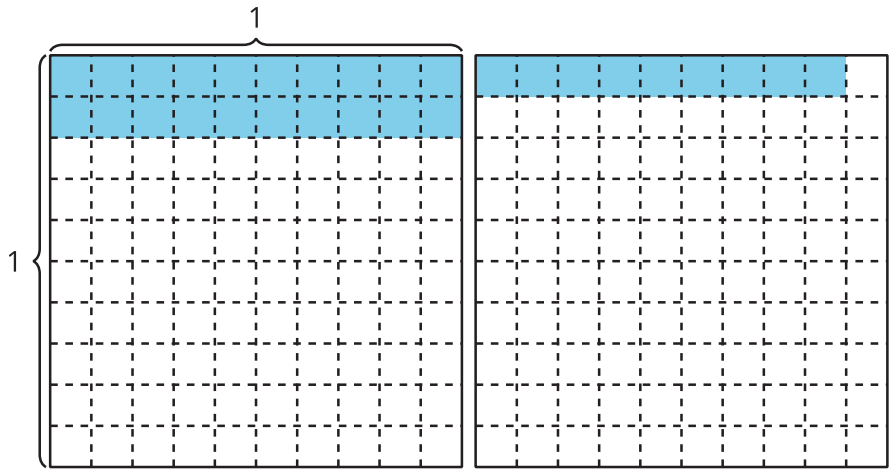
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Activity 1

The Sum

1. Find the value of the expression. Show your thinking. Organize your work so it can be followed by others. Use diagrams if they are helpful.

   $2.26 + 1.87$

2. What questions do you have about adding decimals?

Activity 2

Introduce Target Numbers—Add Tenths or Hundredths

Directions:

1. Play 1 game of *Target Numbers*.
    - Take out the cards that show 0 and 10 and set them aside.
    - On your turn.
        - Start at 0. Pick a number card. Choose whether to add that number of tenths or hundredths to your starting number.
        - Write an equation to represent the sum.
    - The sum is the starting number in the next equation.
    - Take turns for 6 rounds.
    - The partner to get a sum closer to 1 without going over wins.

2. Describe a move that you could have made differently to change the outcome of the game.