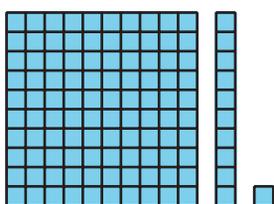# Lesson 17: Base-ten Diagrams to Represent Division

- Let's divide using base-ten blocks or diagrams.
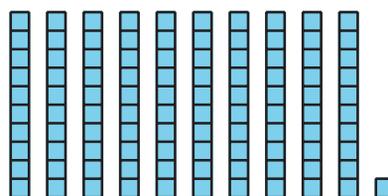
Warm-up: Which One Doesn't Belong: Base-ten Diagrams
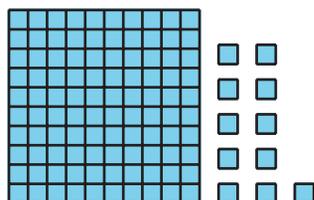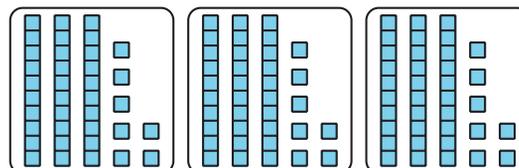
Which one doesn't belong?
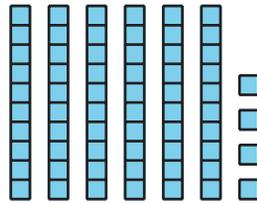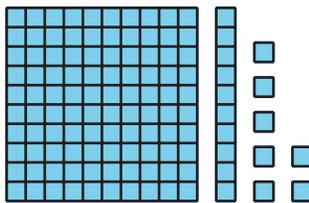
A

B

C

D

17.1: Divide with Diagrams or Blocks

1. Priya draws a base-ten diagram to find the value of $64 \div 4$. A rectangle represents 10. A small square represents 1.

   Use the diagram (or actual blocks) to help Priya complete the division. Explain or show your reasoning.
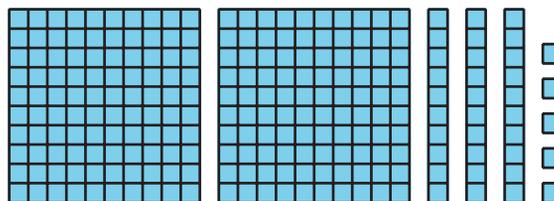

2. Use this base-ten diagram (or actual blocks) to find the value of $117 \div 3$.
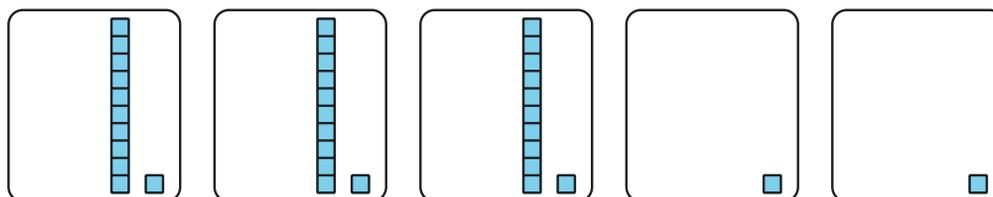
17.2: Help Noah Get Unstuck

1. This diagram represents 235.

To find $235 \div 5$, Noah draws the following diagram but then gets stuck.

He says, "There are not enough of the hundreds or the tens pieces to put into 5 groups."

Explain or show how Noah could find $235 \div 5$ with his diagram.

2. Find the value of $432 \div 6$. Show your reasoning. Use base-ten diagrams or blocks if you find them helpful.