## 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 $64÷4$. 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.
* 
1. Use this base-ten diagram (or actual blocks) to find the value of $117÷3$.
* 

### 17.2: Help Noah Get Unstuck

1. This diagram represents 235.
* 
* To find $235÷5$, 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 $235÷5$ with his diagram.
1. Find the value of $432÷6$. Show your reasoning. Use base-ten diagrams or blocks if you find them helpful.



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