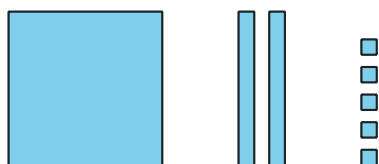# Lesson 14: Think Before You Subtract

- Let's think about decomposing before we subtract.
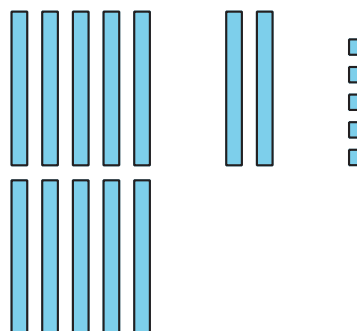
Warm-up: Which One Doesn't Belong: Blocks and Blocks and Blocks
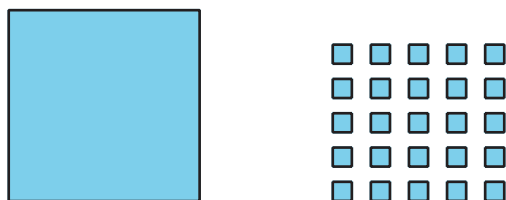
Which one doesn't belong?
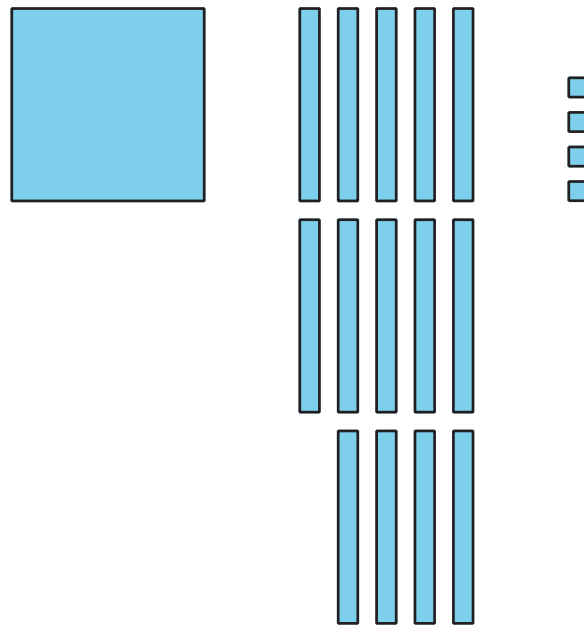
A

B

C

D

14.1: Agree to Disagree

Tyler and Clare are subtracting by place to find the value of $244 - 67$. Tyler says he will decompose before he starts. Clare says she agrees.

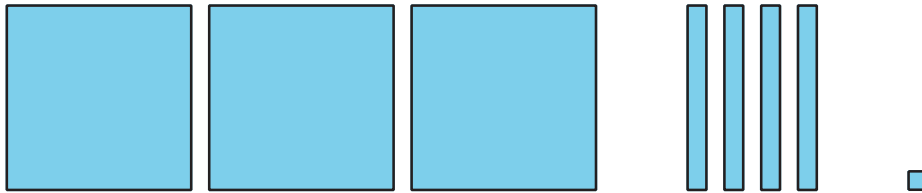The diagrams show each student's first step.

Tyler:

Clare:

1. What is the same about Tyler and Clare's diagrams? What is different?

2. Work together to complete Tyler's way and Clare's way to find the value of $244 - 67$.

3. What do Tyler and Clare's diagrams look like after the last step? What is the same about these diagrams? What is different?

14.2: Sort and Subtract

Here is a base-ten diagram for 341.

Andre wants to use diagrams and subtract by place to find the value of $341 - 68$. He says he will decompose a ten and a hundred to subtract. Why do you think he said that?

1. Andre only wants to use a diagram to subtract by place if he will decompose a unit. Help Andre sort the expressions into groups. If you are not sure, use base-ten blocks or a diagram to help.

$599 - 66$	$449 - 88$	$346 - 78$
$633 - 55$	$237 - 29$	$321 - 34$
$457 - 45$	$735 - 72$	$645 - 87$
$905 - 42$	$693 - 63$	$866 - 58$
$514 - 26$	$387 - 44$	$277 - 65$

decompose 2 units	decompose 1 unit	do not decompose

2. Find the value of 1 expression from each group. Show your thinking.