## 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
 |
| --- | --- | --- |
|  |  |  |

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



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