Unit 2, Lesson 6

Compare Methods for Subtraction

Let's compare ways to subtract.

Warm-up

True or False: How Many Tens? How Many Ones?

Decide if each statement is true or false. Be prepared to explain your reasoning.

- $64 = 60 + 4$

- $64 = 50 + 14$

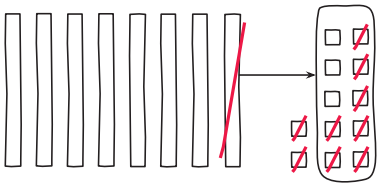
- $64 = 30 + 24$

Activity 1

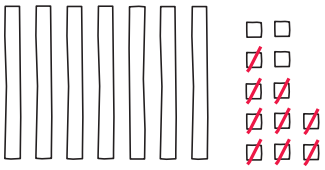
Different Ways to Decompose

Diego and Elena draw base-ten diagrams to decompose a ten.

Diego's diagram:



Elena's diagram:



1. Compare the base-ten diagrams.

   a. How are the diagrams alike?

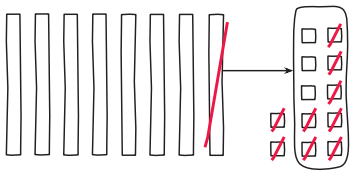
   b. How are they different?

2. Tyler used equations to show his thinking.

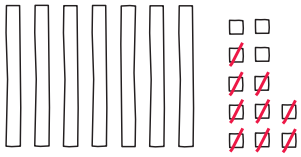
$82 - 9$
$82 = 70 + 12$
$12 - 9 = 3$
$70 + 3 = 73$

Diego says Tyler's work matches his diagram.
Elena says it matches her diagram.

Diego's diagram:



Elena's diagram:



Do you agree with Diego or Elena? Explain your reasoning.