Illustrative Mathematics

Grade 3 Unit 3
Lesson 10
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Unit 3 Lesson 10: Subtraction Algorithms (Part 3)

WU Notice and Wonder: Digits that Disappear (Warm up)

Student Task Statement

What do you notice? What do you wonder?

1 A New Subtraction Algorithm

Student Task Statement

Andre and Clare found the value of $528 - 271$. How they started their work is shown.

Andre's algorithm

Clare's algorithm

1. Complete both algorithms to find the difference.
2. Andre and Clare started their subtraction in different ways. How did their way of starting affect the steps needed to find the difference?

2 Try Clare's Algorithm

Student Task Statement

Clare used an algorithm to find the value of $538 - 156$.

Try using her algorithm to find the value of each difference.

1. $691 - 358$

2. $926 - 584$

3. $317 - 182$

4. $492 - 325$