

Lesson 10: Subtraction Algorithms (Part 3)

• Let's learn another algorithm to subtract.

Warm-up: Notice and Wonder: Digits that Disappear

What do you notice? What do you wonder?



10.1: A New Subtraction Algorithm

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?



10.2: Try Clare's Algorithm

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

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

$$1.691 - 358$$

$$2.926 - 584$$

$$3.317 - 182$$

$$4.492 - 325$$