

#### **Grade 4 Unit 9**

Lesson 4

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# Unit 9 Lesson 4: Another Look at the Standard Algorithm

## WU Number Talk: Differences (Warm up)

Student Task Statement

Find the value of each difference mentally.

- 87 **–** 24
- 387 **–** 124
- 6,387 129
- 6,387 4,329

### 1 Lots of Zeros

Student Task Statement

1. Find the value of each difference.

C.

2. Find the number that makes each expression true.

## 2 Ways of Finding Differences

### Student Task Statement

To find the value of 20,000 - 472, Priya and Han set up their calculations differently.

#### Priya

#### Han

- 1. Use both methods to find the difference of 20,000 and 472.
- 2. Kiran uses another method. Explain how Kiran found the value of 20,000 472.

$$472 + 8 = 480$$

$$480 + 20 = 500$$

$$500 + 500 = 1,000$$

$$1,000 + 19,000 = 20,000$$

$$19,000 + 500 + 20 + 8 = 19,528$$

- 3. Which method do you prefer? Or do you prefer another way? Explain your reasoning.
- 4. Find the value of 50,400 1,389. Show your reasoning.

### **Images for Activity Synthesis**