

#### **Grade 3 Unit 3**

Lesson 5
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# **Unit 3 Lesson 5: Another Addition Algorithm**

**WU Notice and Wonder: Another Curious Table (Warm up)** 

Student Task Statement

What do you notice? What do you wonder?

+	98	99	100	101	102
98		197		199	
99	197		199		201
100		?		?	
101	199		201		203
102		201		203	

## 1 A New Addition Algorithm

Student Task Statement

Here are two algorithms for adding 367 + 231.

Han's algorithm

Elena's algorithm

Discuss with your partner:

- 1. How is Elena's algorithm different from Han's algorithm?
- 2. Why do both algorithms work?

### **2 Compose New Units**

#### Student Task Statement

Here are two algorithms for adding 365 + 182.

Han's algorithm

Elena's algorithm

- 1. How do the algorithms show the 14 tens differently?
- 2. Try Elena's algorithm to find the value of each sum.

a. 
$$174 + 352$$

b. 
$$273 + 619$$

c. 
$$354 + 198$$

d. 
$$525 + 376$$