

## Section B: Practice Problems

1. Find the value of  $472 - 155$  in a way that makes sense to you.

(From Unit 3, Lesson 7.)

2. Here is a subtraction calculation.

$$\begin{array}{r} 400 \quad 140 \\ \cancel{500} + \cancel{40} + 5 \\ - 300 + 60 + 3 \\ \hline 100 + 80 + 2 \end{array}$$

- a. Explain what the 400 above the 500 means.

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- b. Explain what the 140 above the 40 means.

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- c. Explain how the calculation works to find  $545 - 363$ .

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(From Unit 3, Lesson 8.)

3.
  - a. Write 518 and 346 in expanded form.
  - b. Use the expanded form to find the difference of the two numbers.

(From Unit 3, Lesson 9.)

4.
  - a. Use an algorithm of your choice to find the value of  $316 - 154$ .
  - b. Use an algorithm of your choice to find the value of  $647 - 285$ .

(From Unit 3, Lesson 10.)

5. Use an algorithm of your choice to find the value of each difference.

a.  $218 - 136$

b.  $473 - 258$

(From Unit 3, Lesson 11.)

6. Use a strategy or algorithm of your choice to find the value of each difference.

a.  $573 - 299$

b.  $653 - 341$

c.  $371 - 158$

(From Unit 3, Lesson 12.)

### 7. Exploration

Here is Noah's way to find the value of  $523 - 371$ .

$$371 + 100 = 471$$

$$471 + 30 = 501$$

$$501 + 20 = 521$$

$$521 + 2 = 523$$

The answer is  $100 + 30 + 20 + 2 = 152$ .

- a. Explain why Noah's method works.

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- b. Use Noah's method to calculate  $618 - 266$ .

**8. Exploration**

- a. Find the value of  $600 - 253$ . Explain or show your reasoning.

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- b. How is this problem different from other subtraction problems you have solved?

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