

# 1.16

## Subtraction in Sentence Format: Subtracting Three Digits from Four Digits

### • Example 1

Subtract 343 from 8512.

Translate the statement into a mathematical statement:  $8512 - 343$  or in a vertical format:

$$\begin{array}{r} 8512 \\ - 343 \\ \hline \end{array}$$

Since  $2 < 3$ , borrow one ten from the ten's column then subtract 3 from 12.

$$\begin{array}{r} \phantom{0}12 \\ 85\cancel{1}\cancel{2} \\ - 343 \\ \hline 9 \end{array}$$

Since  $4 > 0$ , borrow one hundred from the hundred's column.

$$\begin{array}{r} \phantom{0}\phantom{0}12 \\ 8\cancel{5}\cancel{1}\cancel{2} \\ - 343 \\ \hline 69 \end{array}$$

Now,  $3 < 4$  so we subtract

$$\begin{array}{r} \phantom{0}\phantom{0}\phantom{0}12 \\ 8\cancel{5}\cancel{1}\cancel{2} \\ - 343 \\ \hline 8169 \end{array}$$

To check:

$$\begin{array}{r} 8169 \\ + 343 \\ \hline 8512 \end{array}$$

### ● ● ● CHECK YOURSELF 1

Subtract, and check your work.

Subtract 214 from 2813

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### ● ● ● CHECK YOURSELF ANSWER

1. 2599.

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# 1.16 Exercises

Name \_\_\_\_\_

Section \_\_\_\_\_

Date \_\_\_\_\_

## A N S W E R S

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

Do the indicated subtraction, and check your results by addition.

1. Subtract 397 from 6243.

2. Subtract 231 from 5034.

3. Subtract 986 from 7063.

4. Subtract 192 from 1079.

5. Subtract 516 from 4322.