

# LESSON 2



## CA Standards

**KEY NS.2.1** Find the sum or difference of two whole numbers between 0 and 10,000.

Also NS 2.0, MR 2.3, MR 2.4

## Vocabulary

**regroup**

## Materials

- Base-ten blocks
  - Workmat 1 (optional)
  - eManipulatives (optional)
- [www.eduplace.com/camap/](http://www.eduplace.com/camap/)

# Hands On

## Subtract with Regrouping

**Objective** Regroup tens and hundreds to subtract 3-digit numbers.

### Learn With Manipulatives

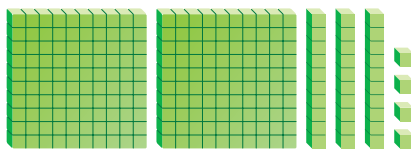
The Martinez family is driving to visit Aunt Martha who lives 234 miles away. They have gone 158 miles. How much farther do they have to drive?

$$234 - 158 = \bigcirc$$

### Model It

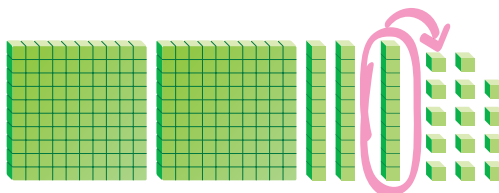
### Write It

- 1** Use blocks to show 234.



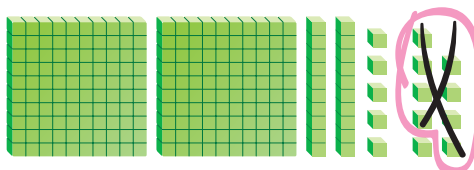
$$\begin{array}{r} 234 \\ - 158 \\ \hline \end{array}$$

- 2** Look at the ones place.  $4 < 8$ , so you need to regroup 1 ten as 10 ones.



$$\begin{array}{r} \phantom{2}^2 \phantom{3}^{14} \\ 234 \\ - 158 \\ \hline \end{array}$$

- 3** Now you can subtract the ones.

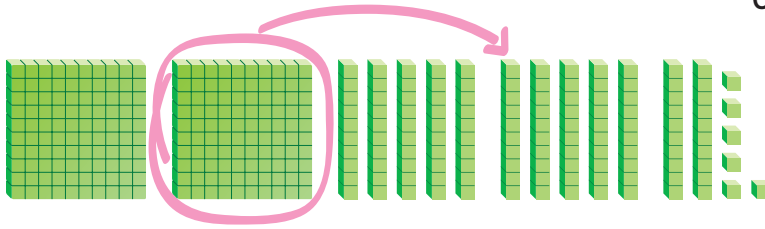


$$\begin{array}{r} \phantom{2}^2 \phantom{3}^{14} \\ 234 \\ - 158 \\ \hline 6 \end{array}$$



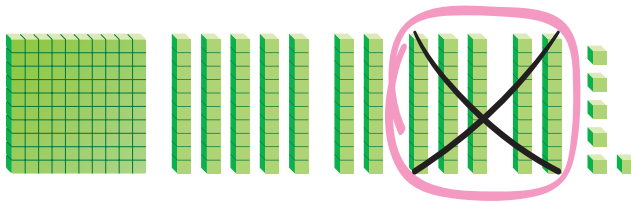
- 4** Look at the tens place.  
 $2 < 5$ , so you need to regroup  
 1 hundred as 10 tens.

$$\begin{array}{r} \phantom{1} \overset{12}{\cancel{2}} \overset{14}{4} \\ - 158 \\ \hline 6 \end{array}$$



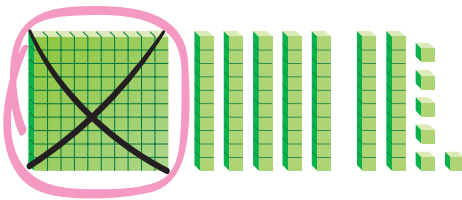
- 5** Subtract the tens.

$$\begin{array}{r} \phantom{1} \overset{12}{\cancel{2}} \overset{14}{4} \\ - 1\overset{5}{5}8 \\ \hline 76 \end{array}$$



- 6** Subtract the hundreds.

$$\begin{array}{r} \phantom{1} \overset{12}{\cancel{2}} \overset{14}{4} \\ - \overset{1}{1}58 \\ \hline 76 \end{array}$$



**Check**

Addition and subtraction are related.  
 Use addition to check subtraction.

$$\begin{array}{r} 234 \\ - 158 \\ \hline 76 \end{array} \quad \begin{array}{r} 158 \\ + 76 \\ \hline 234 \end{array}$$

**Guided Practice**

**Subtract. Check using addition.**

1.  $\begin{array}{r} 772 \\ - 214 \\ \hline \end{array}$

2.  $\begin{array}{r} 642 \\ - 353 \\ \hline \end{array}$

3.  $\begin{array}{r} 728 \\ - 349 \\ \hline \end{array}$

4.  $315 - 248$

5.  $432 - 316$

6.  $534 - 465$

**Ask Yourself**

- Are there enough ones to subtract?
- Are there enough tens to subtract?



**Math Talk** How can you tell if you need to regroup a ten as 10 ones by just looking at an exercise?