

Subtract with Regrouping

CA Standard
KEY NS 2.1

Find $435 - 187$.

Step 1 Subtract the ones.

$$\begin{array}{r} 435 \\ -187 \\ \hline \end{array}$$

Because you cannot subtract 7 ones from 5 ones, you need to regroup.

Step 2 Regroup the tens and subtract the ones.

$$\begin{array}{r} ^{21}5 \\ 4\cancel{3}5 \\ -187 \\ \hline 8 \end{array}$$

Regroup 1 ten as 10 ones. Subtract the ones. $15 - 7 = 8$

Step 3 Regroup the hundreds and subtract the tens.

$$\begin{array}{r} ^{12}5 \\ 3\cancel{4}\cancel{3}5 \\ -187 \\ \hline 48 \end{array}$$

Because you cannot subtract 8 tens from 2 tens, you need to regroup again.

Step 4 Subtract the hundreds.

$$\begin{array}{r} ^{12}5 \\ 3\cancel{4}\cancel{3}5 \\ -187 \\ \hline 248 \end{array}$$

$3 - 1 = 2$

Regroup 1 hundred as 10 tens. Subtract the tens. $12 - 8 = 4$

Solution: $435 - 187 = 248$

Subtract. Check using addition.

1.
$$\begin{array}{r} 616 \\ -381 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 537 \\ -162 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 942 \\ -288 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 541 \\ -102 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 352 \\ -277 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 684 \\ -402 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 462 \\ -263 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 409 \\ -148 \\ \hline \end{array}$$



Writing Math How do you know when you have to regroup in subtraction?
