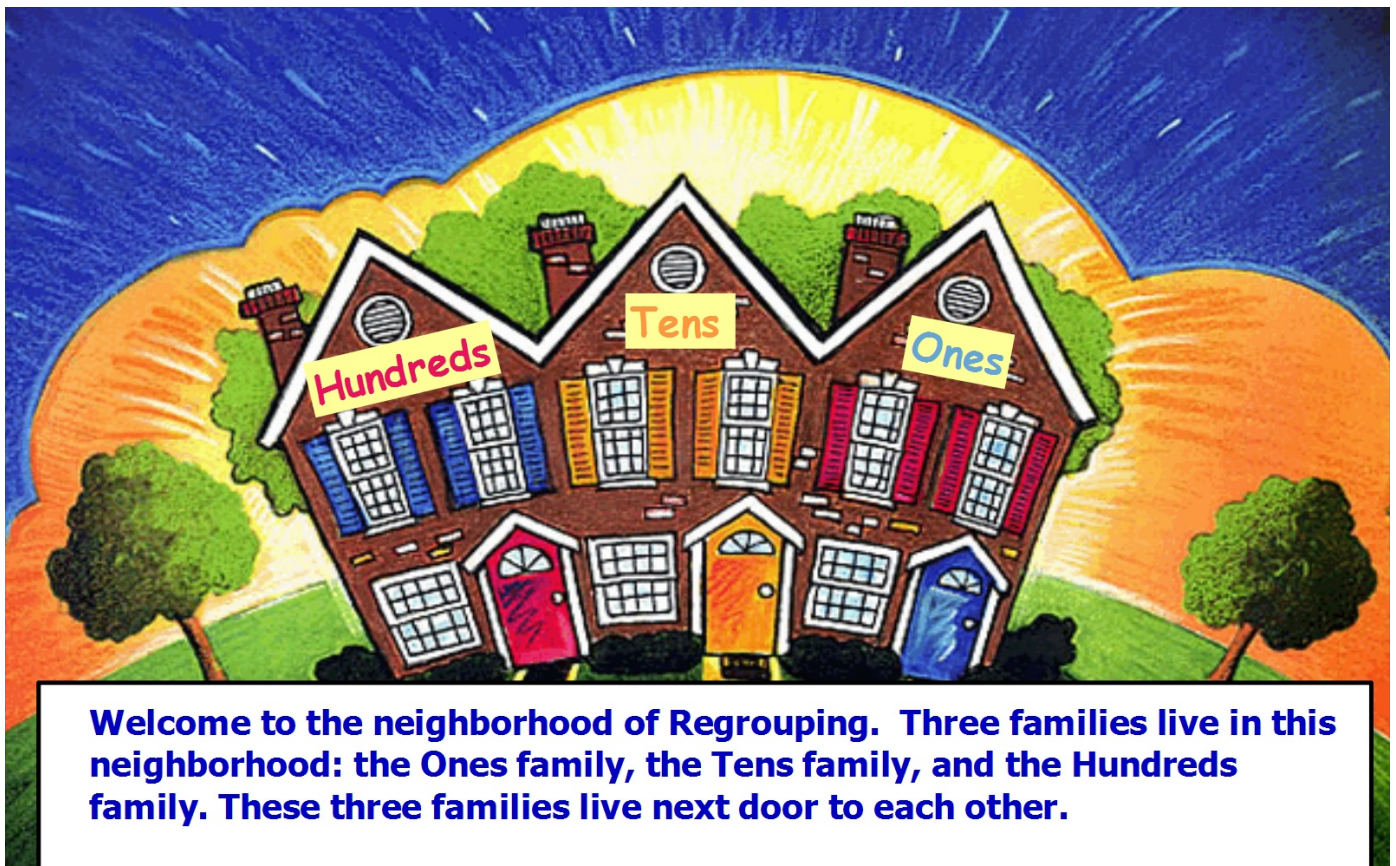


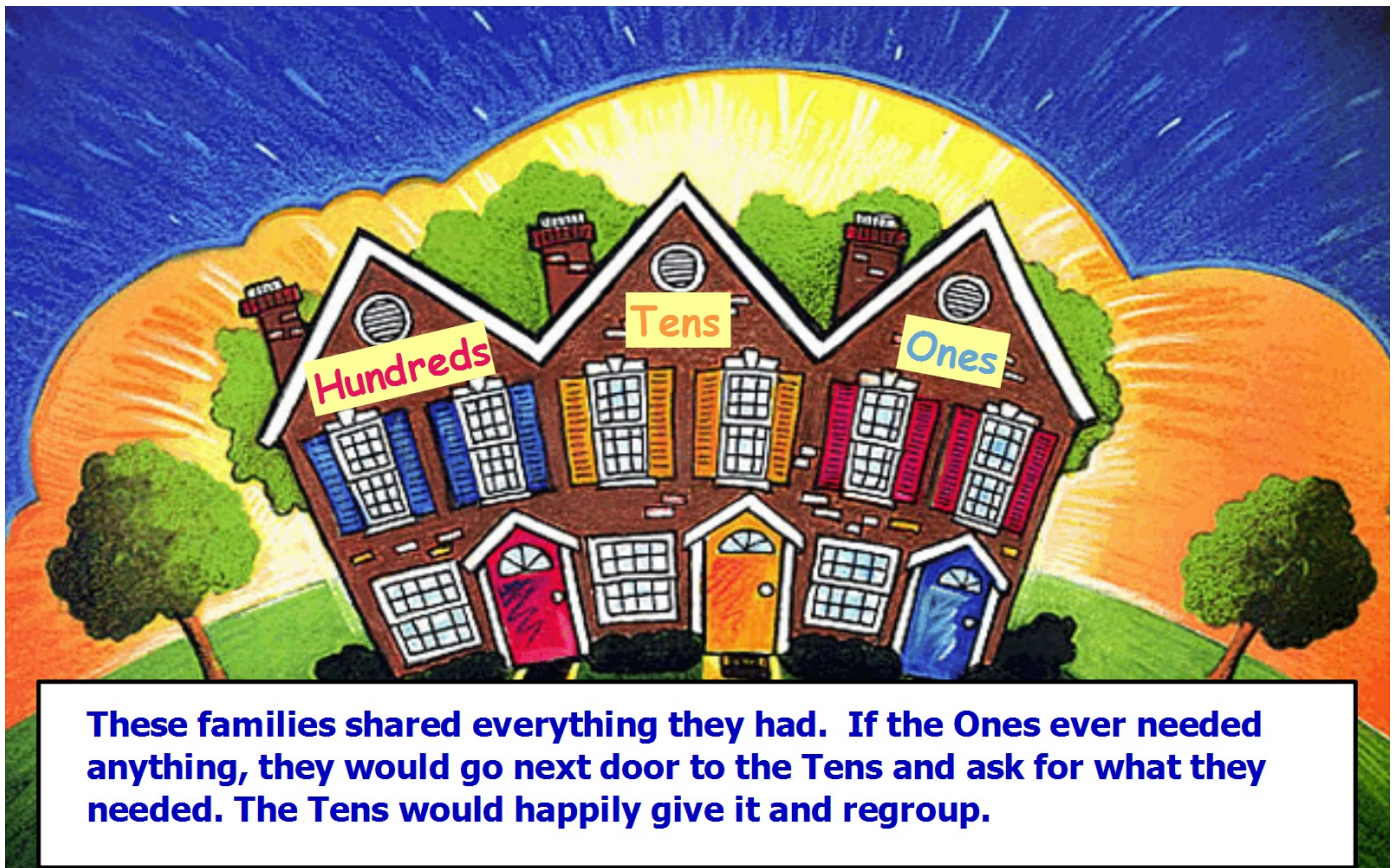
Regrouping With 3-Digit Numbers



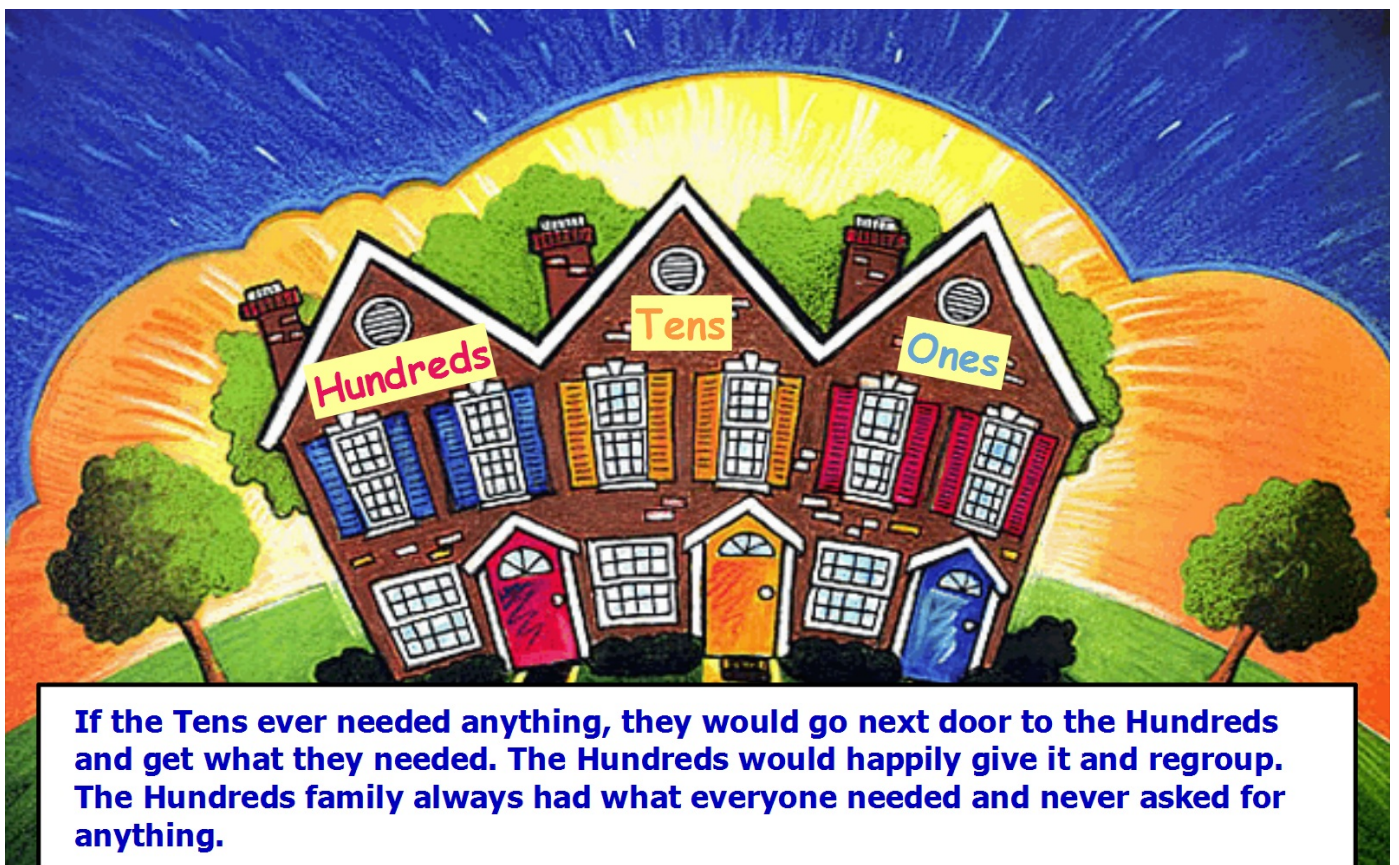
Original created by
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3rd Grade
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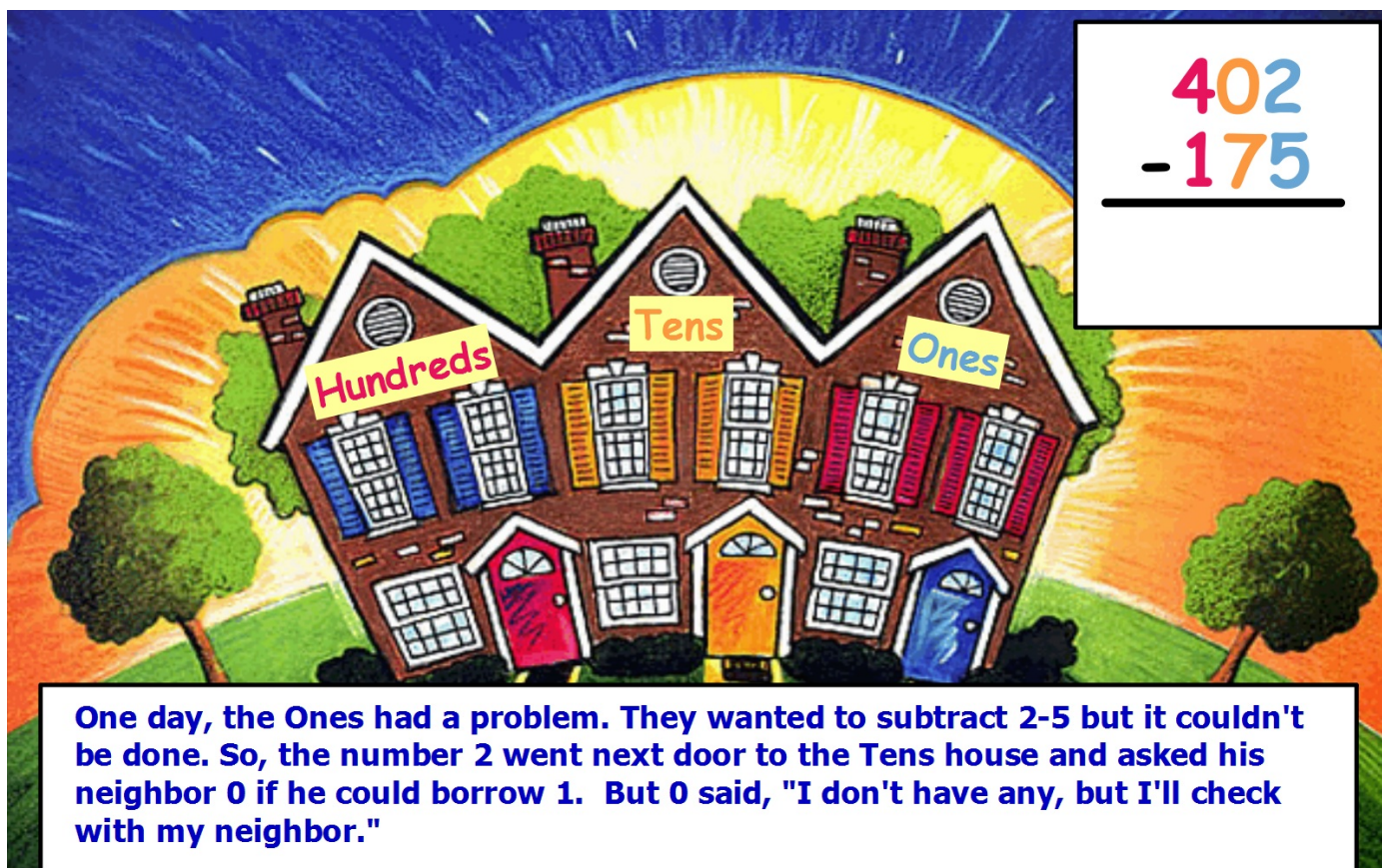
Welcome to the neighborhood of Regrouping. Three families live in this neighborhood: the Ones family, the Tens family, and the Hundreds family. These three families live next door to each other.



These families shared everything they had. If the Ones ever needed anything, they would go next door to the Tens and ask for what they needed. The Tens would happily give it and regroup.



If the Tens ever needed anything, they would go next door to the Hundreds and get what they needed. The Hundreds would happily give it and regroup. The Hundreds family always had what everyone needed and never asked for anything.



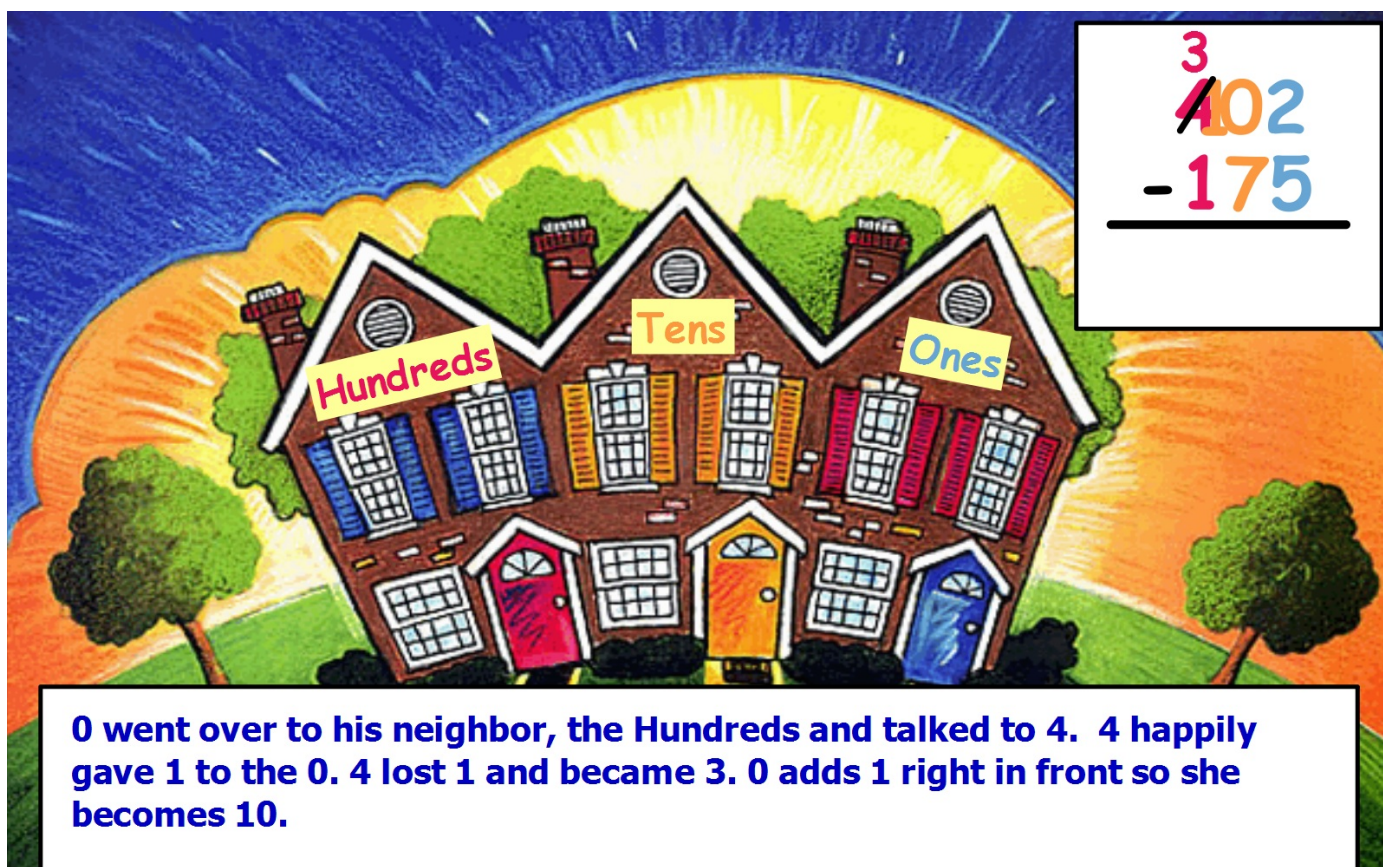
Hundreds

Tens

Ones

$$\begin{array}{r} 402 \\ - 175 \\ \hline \end{array}$$

One day, the Ones had a problem. They wanted to subtract 2-5 but it couldn't be done. So, the number 2 went next door to the Tens house and asked his neighbor 0 if he could borrow 1. But 0 said, "I don't have any, but I'll check with my neighbor."



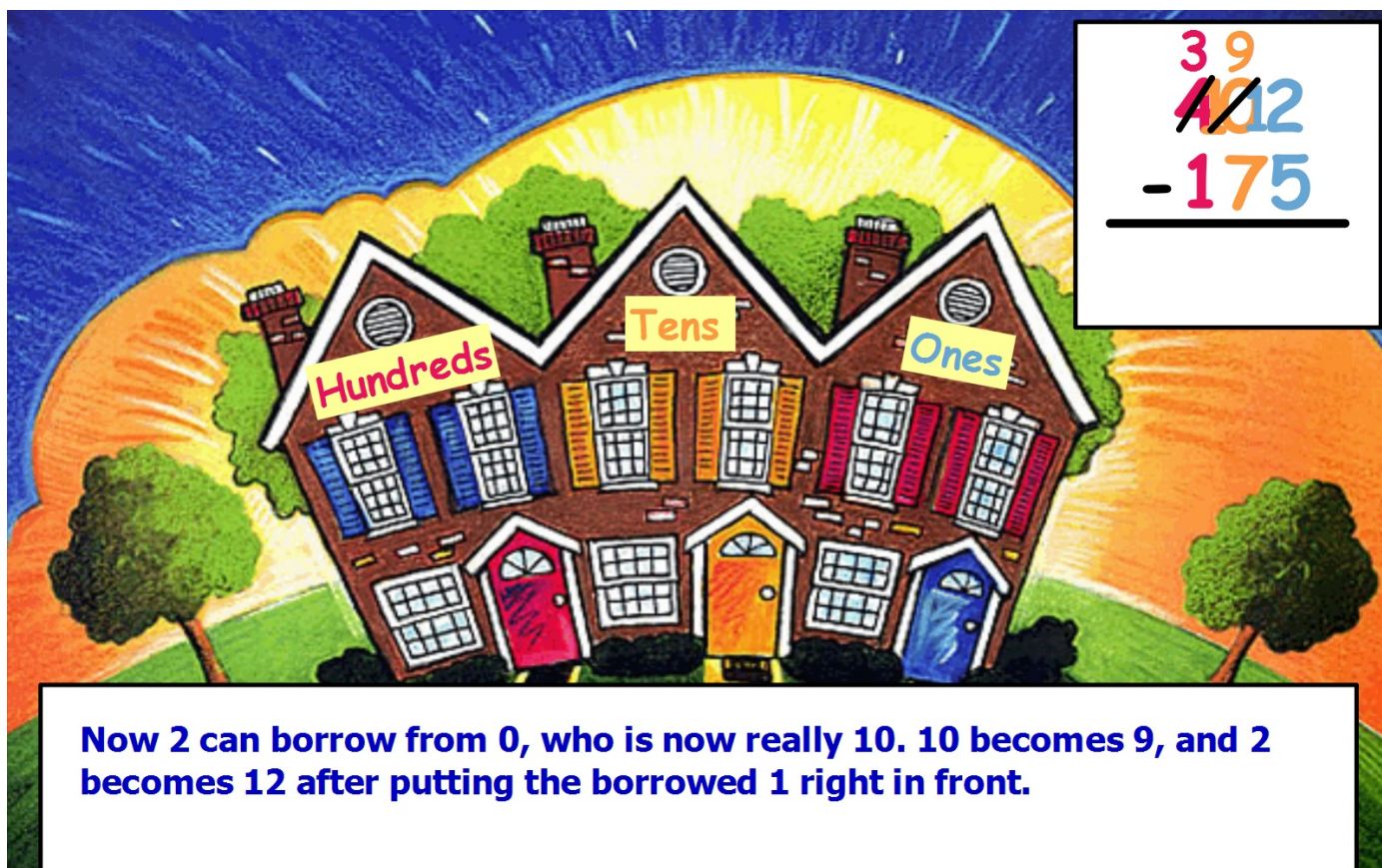
Hundreds

Tens

Ones

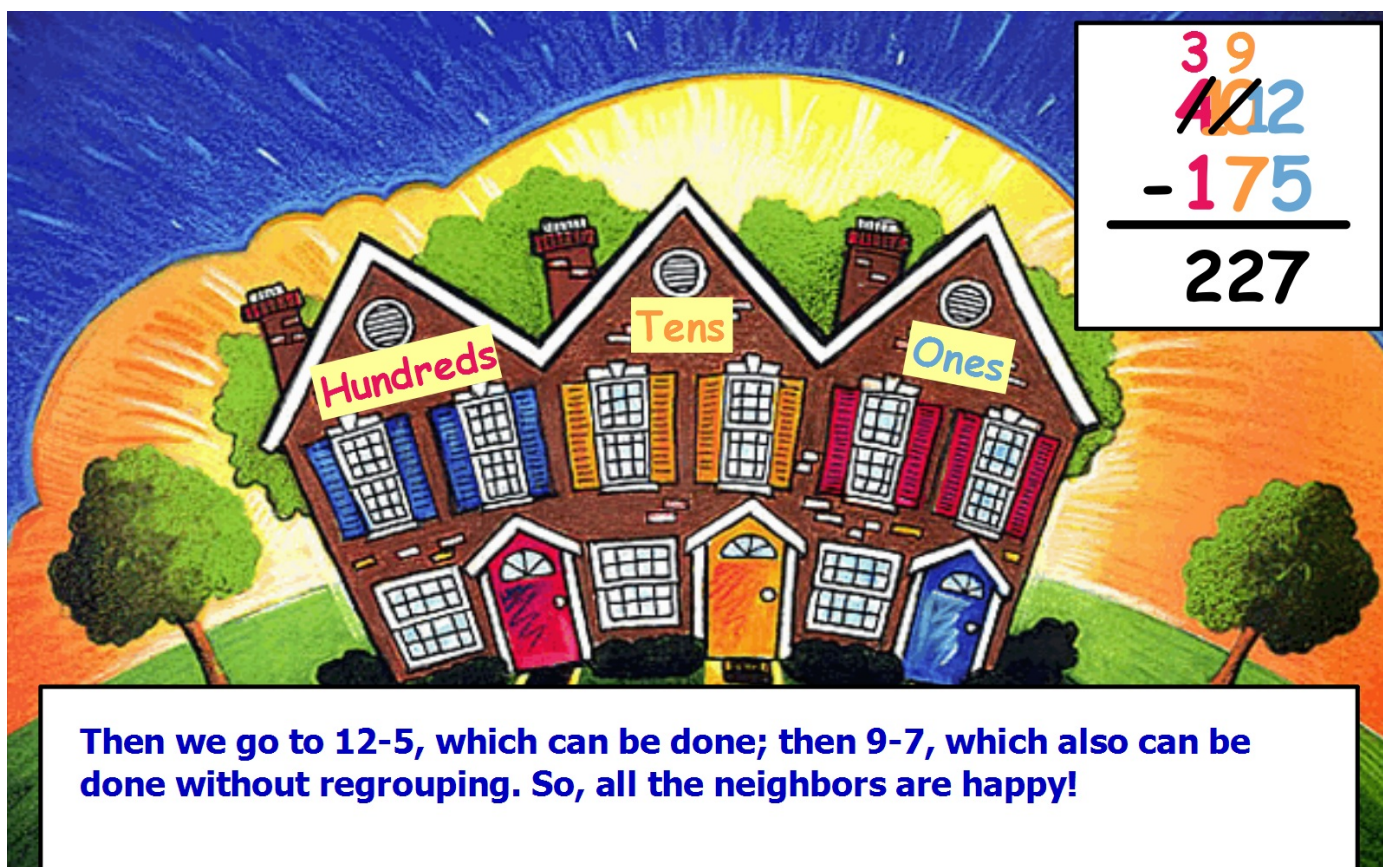
$$\begin{array}{r} 3 \\ \cancel{4}02 \\ - 175 \\ \hline \end{array}$$

0 went over to his neighbor, the Hundreds and talked to 4. 4 happily gave 1 to the 0. 4 lost 1 and became 3. 0 adds 1 right in front so she becomes 10.



$$\begin{array}{r} 39\cancel{40}2 \\ - 175 \\ \hline \end{array}$$

Now 2 can borrow from 0, who is now really 10. 10 becomes 9, and 2 becomes 12 after putting the borrowed 1 right in front.



$$\begin{array}{r} 39\cancel{40}2 \\ - 175 \\ \hline 227 \end{array}$$

Then we go to 12-5, which can be done; then 9-7, which also can be done without regrouping. So, all the neighbors are happy!

Can you tell the story now with the problem below?

$$\begin{array}{r} 701 \\ - 368 \\ \hline \end{array}$$

Try out these problems. Tell the story aloud as you solve each subtraction problem.

$$\begin{array}{r} 700 \\ - 565 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ - 142 \\ \hline \end{array}$$

$$\begin{array}{r} 500 \\ - 118 \\ \hline \end{array}$$

Let's see what you know...



Solve the problem on a piece of paper. Then, send in your answer.

$$\begin{array}{r} 400 \\ - 121 \\ \hline \end{array}$$

Hundreds

Tens

Ones



379



279



389

Solve the problem on a piece of paper. Then, send in your answer.

$$\begin{array}{r} 838 \\ - 359 \\ \hline \end{array}$$

Hundreds

Tens

Ones

A

349

B

489

C

479

Solve the problem on a piece of paper. Then, send in your answer.

$$\begin{array}{r} 700 \\ - 528 \\ \hline \end{array}$$

Hundreds

Tens

Ones

Solve the problem on a piece of paper. Then, send in your answer.

$$\begin{array}{r} 741 \\ - 287 \\ \hline \end{array}$$



Solve the problem on a piece of paper. Then, send in your answer.

$$\begin{array}{r} 912 \\ - 385 \\ \hline \end{array}$$



3rd Grade TEKS

3.A The student is expected to model addition and subtraction using pictures, words, and numbers

Objectives

Students will be able to subtract three-digit numbers with regrouping.