North Penn School District

Elementary Math Parent Letter

Grade 2

Unit 4 - Chapter 6: 3-Digit Addition and Subtraction

Examples for each lesson

Lesson 6.1

Draw to Represent 3-Digit Addition

Use place value understanding and properties of operations to add and subtract.

Add 213 and 124.	Hundreds	Tens	Ones
Draw quick pictures of 213 and 124.			0
Count the hundreds, tens, and ones.	13		0
3 hundreds 3 tens 7 ones			0 0 0
Write the number. 337			

Lesson 6.2

Break Apart 3-Digit Addends Use place value understanding and properties of operations to add and subtract.

Break apart each addend. Write the value of each digit.
$$743 = \underline{700} + \underline{40} + \underline{3}$$

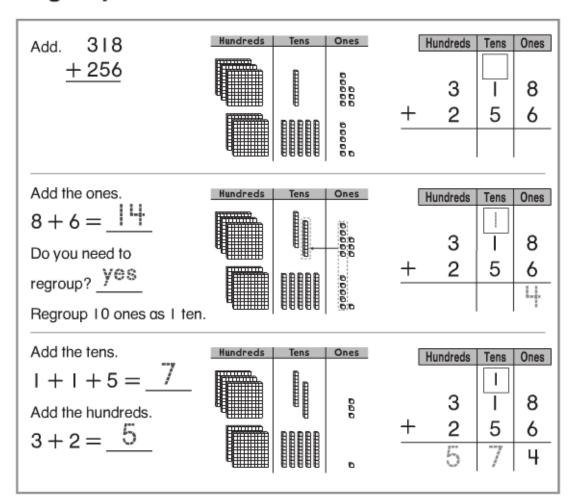
$$124 = \underline{100} + \underline{20} + \underline{4}$$
Add the hundreds, tens, and ones. Then add these sums together.
$$743 \longrightarrow \underline{700} + \underline{40} + \underline{3}$$

$$+124 \longrightarrow \underline{100} + \underline{20} + \underline{4}$$

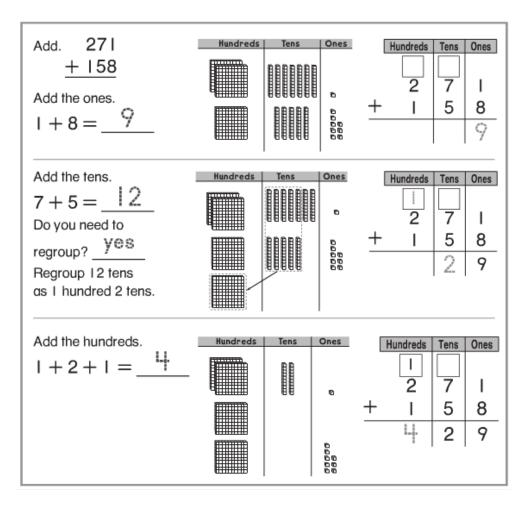
$$\underline{800} + \underline{60} + \underline{7} = \underline{867}$$

3-Digit Addition: Regroup Ones

Use place value understanding and properties of operations to add and subtract.



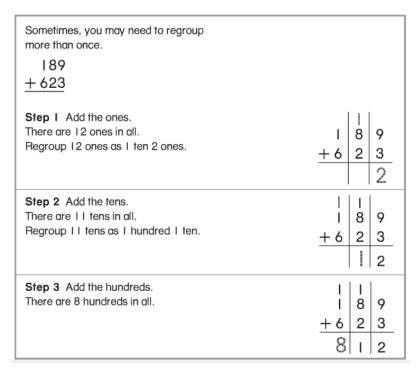
3-Digit Addition: Regroup Tens Use place value understanding and properties of operations to add and subtract.



More information on this strategy is available on Animated Math Model #35.

Addition: Regroup Ones and Tens

Use place value understanding and properties of operations to add and subtract.



More information on this strategy is available on Animated Math Model #36.

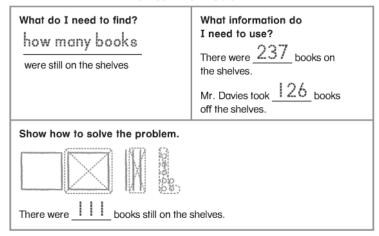
Lesson 6.6

Problem Solving • 3-Digit Subtraction

Use place value understanding and properties of operations to add and subtract

There were 237 books on the shelves. Mr. Davies took 126 books off the shelves. How many books were still on the shelves?

Unlock the Problem



3-Digit Subtraction: Regroup Tens

Use place value understanding and properties of operations to add and subtract.

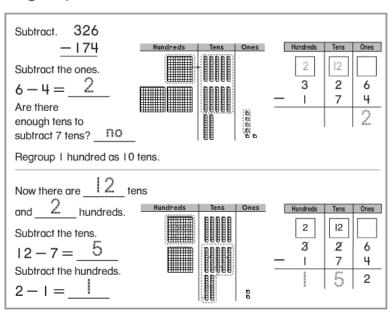
Subtract. 463 -317 Are there enough ones to subtract 7?	Ones	Hundreds 4 - 3	Tens Ones 6 3 1 7
There are 13 ones and 5 tens. Subtract the ones. $13-7=6$	Ones Ones	Hundreds 4 3	Tens Ones 5 13 6 3 7 6 6 6 6 7
Subtract the tens. $5 - I = $	Tens Ones	Hundreds 4 3	Tens Ones 5 13 6 7 6

More information on this strategy is available on Animated Math Model #37.

Lesson 6.8

3-Digit Subtraction: Regroup Hundreds

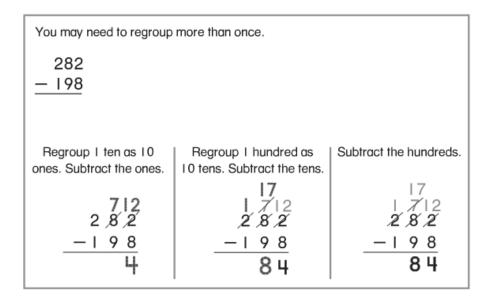
Use place value understanding and properties of operations to add and subtract.



More information on this strategy is available on Animated Math Model #38.

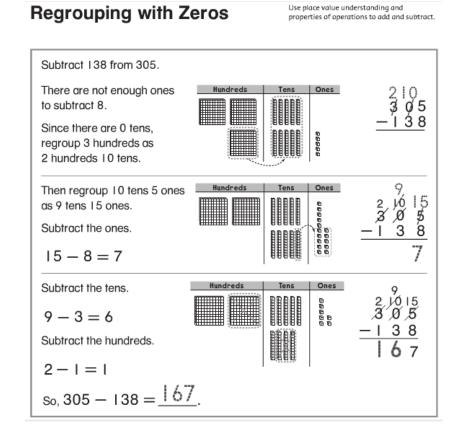
Subtraction: Regroup Hundreds and Tens

Use place value understanding and properties of operations to add and subtract.



More information on this strategy is available on Animated Math Models # 37, 38.

Lesson 6.10



Vocabulary

Addends – numbers added together in addition problems

Difference – the answer in a subtraction problem

Hundred – a group of 100 ones or 10 tens

Regroup – to exchange amounts of equal value to rename a number

Sum – the answer in an addition problem