

# Lesson 2-5

## Subtract Whole Numbers

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**SUBTRACT** 

### STANDARD: NC.4.NBT.4

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Add and subtract multi-digit whole numbers up to and including 100,000 using the standard algorithm with place value understanding.

#### **OBJECTIVE:**

Today, we will use place value and the standard algorithm to subtract whole numbers.

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#### STANDARD ALGORITHM STEPS: SUBTRACTION

- Line up the digits by places and label them.
- Subtract the ones place.
- Subtract the tens place.

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- → Subtract the hundreds place.
- Subtract the thousands place.
- → Keep going until you have subtracted all places in the problem.

Regroup if there is a place in which the digiti in the minuend, or top number, is less than the digit in the subtrahend, or bottom number.

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We will learn a new term called inverse operations. Inverse operations are opposite operations. The inverse of adding is subtracting.

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We can use inverse operations to check our work! In the problems that follow, we will subtract and then use the inverse operation (add) to make sure our answer is accurate. Janine baked 189 cakes for the school's bake sale. She was getting ready to deliver the cakes and saw that 45 of the cakes had fallen. How cakes did she have for the bake sale?



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BROADUS LEARNINGS We will use the inverse operation to check our work. We said that 189 - 45 = 144

If we are correct, 144 + 45 will equal 189.

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You can also use an estimate to check that your answer is reasonable.









We will use the inverse operation to check our work. We said that 637 - 539 = 98 If we are correct, 539 + 98 will equal 637.

Check 539 98

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You can also use an estimate to check that your answer is reasonable.



Exit Ticket: Veronica wants to raise \$766 for her field trip. So far, she's raised \$324. How much more money does she need to raise to go on her field

Remember to check your answer by using inverse operation and

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estimation.

trip?

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