

# Unit 2 - Add and Subtract Whole Numbers

Content Area: **Mathematics**  
Course(s):  
Time Period: **September**  
Length: **3-4 weeks**  
Status: **Published**

## Unit Overview

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Unit 2 connects with the theme of Let's Watch the Show!, which centers around entertainment media, such as theatrical events, concerts, and sporting events. Students learn the different aspects of addition and subtraction, and that these operations involve repeated calculations: add or subtract the ones, then the tens, then the hundreds, and so on, regrouping as necessary.

## Essential Questions

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"What strategies can I use to add and subtract?"

## Content

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Addition Properties and Subtraction Rules

Addition and Subtraction Patterns

Add and Subtract Mentally

Estimate Sums and Differences

Add Whole Numbers

Subtract Whole Numbers

Subtract Across Zeros

Problem Solving Investigation: Draw a Diagram

Solve Multi-Step Word Problems

## Skills

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Use addition properties and subtraction rules to add and subtract.

Use patterns to solve addition and subtraction problems.

Use mental math to add and subtract.

Estimate sums and differences of multi-digit numbers.

Add multi-digit whole numbers.

Subtract multi-digit whole numbers.

Subtract multi-digit numbers, when some digits are zeros.

Solve problems by drawing a diagram.

Solve multi-step word problems using addition and subtraction.

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## Assessments

Online Readiness Quiz

Vocabulary Check

Concept Check - Check My Progress

Chapter Test

Teacher Observation

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## Lessons/Learning Scenarios

MyMath Grade 4

Chapter 2: Lessons 1-9

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## Standards

CCSS.Math.Content.4.NBT.A.1	Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right.
CCSS.Math.Content.4.NBT.A.2	Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. Compare two multi-digit numbers based on meanings of the digits in each place, using $>$ , $=$ , and $<$ symbols to record the results of comparisons.
CCSS.Math.Content.4.NBT.A.3	Use place value understanding to round multi-digit whole numbers to any place.

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## Resources

MyMath Grade 4: McGraw-Hill (2012)

- base-ten blocks

- place-value charts
- virtual base-ten blocks
- centimeter grid paper
- cups
- counters
- number cube
- play money
- connecting cubes
- index cards