

Chapter 5 Two Digit Subtraction

Content Area: **Mathematics**
Course(s): **Math 2**
Time Period: **January**
Length: **21 Days**
Status: **Published**

Unit Summary

In this unit the students will be able to use place value to subtract 2-digit numbers with and without regrouping.

Standards

MA.2.OA.A.1	Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.
MA.2.NBT.B.5	Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.
CRP.K-12.CRP2	Apply appropriate academic and technical skills.
CRP.K-12.CRP2.1	Career-ready individuals readily access and use the knowledge and skills acquired through experience and education to be more productive. They make connections between abstract concepts with real-world applications, and they make correct insights about when it is appropriate to apply the use of an academic skill in a workplace situation.
TECH.8.1.2.A.CS1	Understand and use technology systems.
TECH.8.1.2.A.CS2	Select and use applications effectively and productively.

Student Learning Objectives

Students will learn to...

- Break apart a 1-digit subtrahend to subtract it from a 2-digit number.
- Break apart a 2-digit subtrahend to subtract it from a 2-digit number.
- Model 2-digit subtraction with regrouping.
- Draw quick pictures and record 2-digit subtraction using the standard algorithm.
- Record 2-digit subtraction using the standard algorithm.
- Practice 2-digit subtraction with and without regrouping.
- Rewrite horizontal subtraction problems vertically in the standard algorithm format.
- Use addition to find differences.
- Solve problems involving 2-digit subtraction by using the strategy draw a diagram.
- Represent subtraction situations with number sentences using a symbol for the unknown number.
- Analyze word problems to determine what operations to use to solve multistep problems.

Essential Questions

- How do you use place value to subtract 2-digit numbers with and without regrouping?
- How does breaking apart a number make subtracting easier?
- How does breaking apart a number make subtracting easier?
- When do you regroup in subtraction?
- How do you record 2-digit subtraction?
- How do you record the steps when subtracting 2-digit numbers?
- What are two different ways to write subtraction problems?
- How can you use addition to solve subtraction problems?
- How can drawing a diagram help when solving subtraction problems?
- How do you write a number sentence to represent a problem?
- How do you decide what steps to do to solve a problem?

Enduring Understandings

Students will understand that...

- place value can be utilized to subtract 2-digit numbers with and without regrouping.

Application

Students will be able to independently use their learning to...

- show how to use place value to subtract 2-digit numbers with and without regrouping.

Skills

Students will be skilled at...

- Breaking apart ones to subtract.
- Breaking apart numbers to subtract.
- Modeling regrouping for subtraction.
- Modeling and record 2-digit subtraction.
- 2-digit subtraction.
- Practicing two digit subtraction.
- Rewriting 2-digit subtraction.
- Adding to find differences.
- Problem solving subtraction.
- Writing equations to represent subtraction.
- Solving multi-step problems.

