

Student Learning Objective: Students will use place value understanding and properties of operations to perform multi-digit arithmetic.

ABOVE STANDARD

Students are working to solidify the following skills:

- Round to the nearest ten or hundred
- Add and subtract (including regrouping) to balance an equation; solve for a third addend
- Developmental calculation skills using compatible numbers
- Identify a proportional relationship
- Solve multi-step problems using various operations

Educator-recommended next steps and Digital Library resources

Instructional next-steps include, helping students to:

- Understand how to rearrange or use different forms of numbers to round. Digital Library Examples: [Task Rearranging Digits](#), [Understand Place Value](#); [Expanded Form Plus](#)
- Discover subtraction errors in student work. Digital Library Example: [Grade 4 Mistake Detectives: Subtraction with Place Value and Algorithm](#)
- Solve multiplication problems using a variety of strategies and solve problems using visual representations. Digital Library Examples: [Multiplication Grade 3](#); [Challenging Real World Word Problem](#)

AT/NEAR STANDARD

Students are working to solidify the following skills:

- Round a three-digit number to the nearest ten or hundred and numbers ending in five
- Regroup twice using subtraction
- Solve mathematical equations using addition and subtraction
- Solve a problem using background knowledge or provided data
- Multiply one-digit whole numbers with a base ten

Educator-recommended next steps and Digital Library resources

Instructional next-steps include, helping students to:

- Conceptually understand place value and rounding. Digital Library Examples: [Rounding to 100 Game](#); [Place Value - Rounding on the Number Line](#); [Using Place Value Understanding to Round Whole Number](#); [Place Value Rumble](#)
- Become more fluent with multiple digit addition and subtraction. Digital Library Examples: [Silent Subtraction Relay](#); [Chip Trading: Representation Addition Regrouping Three Digits](#)
- Multiply using multiples of 10. Digital Library Example: [Multiplying by Multiples of Ten – Quick Assessment](#)

BELOW STANDARD

Students are working to solidify the following skills:

- Round a two-digit number to the nearest ten and a three-digit number to the nearest ten or hundred
- Subtract two-digit numbers from two or three-digit numbers
- Regroup (carry) twice with addition
- Count by tens; skip-count
- Solve a word problem with multiplication and division

Educator-recommended next steps and Digital Library resources

Instructional next-steps include, helping students to:

- Visualize rounding and discriminate between rounding to tens vs. hundreds. Digital Library Examples: [Rounding to 100 Game](#); [Rounding: Place Value - Rounding on the Number Line](#); [Using Place Value Understanding to Round Whole Numbers](#)
- Develop strategies for addition and subtraction with regrouping. Digital Library Examples: [Adding and Subtracting 1, 10 and 100 with Ant Junior](#); [Chip Trading: Representations Addition Regrouping Three Digits](#); [Take it Away! Dice and Blocks](#)