

Math 6+: Computation and Problem Solving

Whole Number Operations

Whole Numbers: Addition and Subtraction

Students

Learning Continuum Statements:

Students:

RIT 141-150:

- Adds whole numbers with sums within 20
- Adds whole numbers with sums within 20 using models

Students:

RIT 151-160:

- Adds whole numbers with sums within 100, no regrouping
- Adds whole numbers with sums within 20
- Adds whole numbers with sums within 20 using models
- Subtracts multiples of 10 from multiples of 10 within 100
- Subtracts whole numbers within 20

Students:

RIT 161-170:

- Adds three or more whole numbers with sums within 100
- Adds three or more whole numbers with sums within 20
- Adds whole numbers with sums within 1,000 using models
- Adds whole numbers with sums within 1,000, no regrouping
- Adds whole numbers with sums within 100, no regrouping
- Adds whole numbers with sums within 100, with regrouping
- Adds whole numbers with sums within 20
- Decomposes numbers to make 10 as a strategy for addition or subtraction
- Subtracts multiples of 10 from multiples of 10 within 100
- Subtracts whole numbers within 20

Students:

RIT 171-180:

- Adds three or more whole numbers with sums within 100
- Adds three or more whole numbers with sums within 20
- Adds whole numbers with sums within 1,000 using models
- Adds whole numbers with sums within 1,000, no regrouping
- Adds whole numbers with sums within 100 using models
- Adds whole numbers with sums within 100, no regrouping
- Adds whole numbers with sums within 100, with regrouping
- Decomposes numbers to make 10 as a strategy for addition or subtraction
- Identifies a number 10 more than a given number using models
- Subtracts multiples of 10 from multiples of 10 within 100
- Subtracts whole numbers within 1,000 using models
- Subtracts whole numbers within 1,000, no regrouping
- Subtracts whole numbers within 100, no regrouping
- Subtracts whole numbers within 20

Students:**RIT 181-190:**

- Adds three or more whole numbers with sums greater than 100
- Adds three or more whole numbers with sums within 100
- Adds three or more whole numbers with sums within 20
- Adds whole numbers with sums greater than 10,000
- Adds whole numbers with sums within 1,000, with regrouping
- Adds whole numbers with sums within 100 using models
- Decomposes numbers to make 10 as a strategy for addition or subtraction
- Subtracts whole numbers greater than 1,000
- Subtracts whole numbers within 1,000, no regrouping
- Subtracts whole numbers within 100 using models
- Subtracts whole numbers within 100, no regrouping
- Subtracts whole numbers within 100, with regrouping

Students:**RIT 191-200:**

- Adds or subtracts multiples of 100 from whole numbers greater than 100
- Adds three or more whole numbers with sums greater than 100
- Adds three or more whole numbers with sums within 100
- Adds whole numbers with sums greater than 10,000
- Adds whole numbers with sums within 1,000, with regrouping
- Adds whole numbers with sums within 10,000
- Adds whole numbers with sums within 100 using models
- Decomposes numbers to make 10 as a strategy for addition or subtraction
- Subtracts whole numbers greater than 1,000
- Subtracts whole numbers within 1,000, with regrouping
- Subtracts whole numbers within 100, with regrouping

Students:**RIT 201-210:**

- Adds three or more whole numbers with sums greater than 100
- Represents multi-step addition and subtraction, shown on a number line, as an expression or equation
- Represents one-step addition and subtraction, shown on a number line, as an expression or equation
- Subtracts whole numbers greater than 1,000

Students:**RIT 211-220:**

- Represents multi-step addition and subtraction, shown on a number line, as an expression or equation

Students:**RIT 221-230:**

- Represents multi-step addition and subtraction, shown on a number line, as an expression or equation