Whole Numbers: Represent and Solve Word Problems

Students	Learning Continuum Statements:
Students:	**RIT 131-140:** • Represents an add-to word problem using objects • Solves for the result in take-from word problems with numbers within 5 using objects • Solves for the total in put-together word problems with numbers within 5 using objects
Students:	**RIT 141-150:** • Represents a put-together / take-apart problem using objects • Represents an add-to word problem using objects • Solves for the result in add-to word problems with numbers within 10 using objects • Solves for the result in add-to word problems with numbers within 5 using objects • Solves for the result in take-from word problems with numbers within 5 using objects
Students:	**RIT 151-160:** • Represents a multi-step take-from word problem as an equation • Represents a put-together / take-apart problem as an addition equation • Represents an add-to word problem using objects • Represents an add-to word problem with a diagram • Solves for the result in add-to word problems with numbers within 10 • Solves for the result in add-to word problems with numbers within 10 using a number line • Solves for the result in add-to word problems with numbers within 10 using objects • Solves for the result in take-from word problems using a number line, with numbers within 10 • Solves for the result in take-from word problems with numbers within 10 • Solves for the result in take-from word problems with numbers within 10 using objects • Solves for the result in take-from word problems with numbers within 5 • Solves for the result in take-from word problems with numbers within 5 using objects • Solves for the total in put-together word problems using objects, with numbers within 10 • Solves for the total in put-together word problems with numbers within 10 • Solves for the total in put-together word problems with numbers within 5 • Solves multi-step word problems using addition/subtraction with objects, numbers within 10
Students:	**RIT 161-170:** • Represents a put-together / take-apart problem as an addition equation • Represents a take-from word problem as an equation • Represents a take-from word problem with a diagram • Represents add-to word problems as equations • Represents an add-to word problem with a diagram • Solves for the result in add-to word problems with numbers within 10 • Solves for the result in add-to word problems with numbers within 10 using objects • Solves for the result in add-to word problems with numbers within 20 using objects

- Solves for the result in take-from word problems using a number line, with numbers within 10
- Solves for the result in take-from word problems using objects, with numbers within 20
- Solves for the result in take-from word problems with numbers within 10 using objects
- Solves for the result in take-from word problems with numbers within 20
- Solves for the total in put-together word problems with numbers within 20
- Solves for the unknown change in add-to word problems with numbers within 10
- Solves for the unknown factor in equal-groups word problems with numbers within 10
- Solves logic problems
- Solves multi-step word problems using addition/subtraction with objects, numbers within 10
- Solves word problems involving three addends using objects, with numbers within 10
- Solves word problems involving three addends with numbers within 20

Students:	RIT 171-180:

- Represents a put-together / take-apart problem as an addition equation
- Represents a take-from word problem as an equation
- Represents a take-from word problem with a diagram
- Represents a word problem involving three addends as an equation
- Represents a word problem with an equation using a symbol for the unknown
- Represents add-to word problems as equations
- Represents an equal-groups word problem as repeated addition
- Selects relevant information that is missing from an addition or a subtraction word problem
- Solves for the product in equal-groups word problems with numbers within 10
- Solves for the product in equal-groups word problems with numbers within 20
- Solves for the result in add-to word problems with numbers within 20
- Solves for the result in take-from word problems with numbers within 20
- Solves for the unknown addend in put-together / take-apart word problems with numbers within 10
- Solves for the unknown change in add-to word problems with numbers within 10
- Solves for the unknown change in add-to word problems with numbers within 20
- Solves for the unknown change in take-from word problems with numbers within 10
- Solves for the unknown factor in equal-groups word problems with numbers within 10
- Solves logic problems
- Solves word problems involving three addends with numbers within 20

Students:	RIT 181-190:

- Identifies extraneous information in an addition or a subtraction word problem
- Represents a take-from word problem as an equation
- Represents a word problem with an equation using a symbol for the unknown
- Represents add-to word problems as equations
- Represents an equal-groups word problem as repeated addition
- Represents an equal-groups word problem using objects
- Selects relevant information that is missing from a multiplication or division word problem
- Selects relevant information that is missing from an addition or a subtraction word problem
- Solves for the product in array word problems with numbers within 20
- Solves for the product in equal-groups word problems with numbers within 10
- Solves for the product in equal-groups word problems with numbers within 100
- Solves for the product in equal-groups word problems with numbers within 20
- Solves for the result in take-from word problems with numbers within 100

- Solves for the total in put-together word problems with numbers within 100
- Solves for the unknown addend in put-together / take-apart word problems with numbers within 10
- Solves for the unknown addend in put-together / take-apart word problems with numbers within 20
- Solves for the unknown change in add-to word problems with numbers within 10
- Solves for the unknown change in add-to word problems with numbers within 100
- Solves for the unknown change in take-from word problems with numbers within 10
- Solves for the unknown change in take-from word problems with numbers within 20
- Solves for the unknown difference in compare word problems with numbers within 20
- Solves for the unknown factor in equal-groups word problems with numbers within 10
- Solves for the unknown factor in equal-groups word problems with numbers within 100
- Solves for the unknown factor in equal-groups word problems with numbers within 20
- Solves for the unknown start in add-to word problems with numbers within 20
- Solves for the unknown start in add-to word problems with numbers within 20
- Solves for the unknown start in take-from word problems with numbers within 100
- Solves logic problems
- Solves multi-step word problems using addition/subtraction with numbers within 20

Students:	RIT 191-200:

- Represents a put-together / take-apart problem as a subtraction equation
- Represents a take-from word problem as an equation
- Represents a word problem with an equation using a symbol for the unknown
- Represents add-to word problems as equations
- Represents equal-groups word problems as multiplication equations
- Selects relevant information that is missing from an addition or a subtraction word problem
- Solves for the product in equal-groups word problems with numbers within 100
- Solves for the result in take-from word problems with numbers within 100
- Solves for the unknown change in add-to word problems with numbers within 100
- Solves for the unknown change in take-from word problems with numbers within 100
- Solves for the unknown factor in array word problems with numbers within 100
- Solves for the unknown factor in equal-groups word problems with numbers within 100
- Solves for the unknown factor in equal-groups word problems with numbers within 20
- Solves for the unknown start in add-to word problems with numbers within 100
- Solves for the unknown start in add-to word problems with numbers within 20
- Solves for the unknown start in take-from word problems with numbers within 100
- Solves logic problems
- Solves multi-step word problems using addition/subtraction with numbers within 20
- Solves multi-step word problems using addition/subtraction, with numbers within 100
- Solves word problems involving three addends with numbers within 100

Students:	RIT 201-210:

- Represents an equal-groups word problem
- Represents an equal-groups word problem as repeated subtraction
- Represents an equal-groups word problem on a number line
- Represents equal-groups word problems as multiplication equations
- Solves for the result in take-from word problems with numbers within 100
- Solves for the unknown change in add-to word problems with numbers within 100
- Solves for the unknown start in add-to word problems with numbers within 100

- Solves for the unknown start in take-from word problems with numbers within 100
- Solves multi-step word problems using addition/subtraction, with numbers within 100

Students:	**RIT 211-220:**
	- Represents equal-groups word problems as division equations - Solves multi-step word problems using addition/subtraction, with numbers within 100