

DesCartes: A Continuum of Learning®

Mathematics

Goal: Operations and Algebraic Thinking

RIT Score Range: < 161
Statements Last Updated: Mar 10, 2014

Skills and Concepts to Develop (50% Probability*) < 161	Skills and Concepts to Introduce (27% Probability*) 161 - 170
Represent and Solve Problems <ul style="list-style-type: none"> • Uses models to construct whole number addition facts with addends through 10 • Adds two 1-digit numbers with sums to 10 in horizontal format 	Represent and Solve Problems <ul style="list-style-type: none"> • Uses a number line to construct addition facts with sums through 20 (whole numbers) • Adds two 1-digit numbers with sums to 10 in horizontal format • Adds two 1-digit numbers with sums between 10 and 19 in horizontal format • Adds two 1-digit numbers with sums between 10 and 19 in vertical format • Solves real-world whole number addition problems with sums to 20 (result unknown) • Subtracts a 1-digit number from a 2-digit number that is less than 20 (whole numbers only) • Subtracts two 1-digit numbers vertically • Instantly recalls basic multiplication facts where one factor is 0-5 and the other factor is 0-12 • Solves basic-facts open sentences - addition and subtraction
Analyze Patterns and Relationships	Analyze Patterns and Relationships
<i>New Vocabulary:</i> None	<i>New Vocabulary:</i> None
<i>New Signs and Symbols:</i> None	<i>New Signs and Symbols:</i> + addition, = is equal to, x multiplication, - subtraction, variable

Explanatory Notes

* At the range mid-point, this is the probability students would correctly answer items measuring these concepts and skills. Both data from test items and review by NWEA curriculum specialists are used to place Learning Continuum statements into appropriate RIT ranges. Blank cells indicate data are limited or unavailable for this range or document version.