

**Compass/Intervention Probes – Math
Grade - 6**

Geometry				
RTI Probe	Common Core (NY Performance Indicator)	# of Activities	Support at Previous Grade Levels	Notes
Math 6 Volume of Rectangular Prism	6.G.2 (NY 6.M.1)	8		Students will need a pencil and paper or journal.
Math 6 Plotting in All Quadrants (#1)	6.G.3, 5.G.1 (NY 6.G.10)	6	5 th	Students will need a pencil and paper or journal.
Math 6 Plotting in All Quadrants (#2)	6.G.3, 5.G.1 (NY 6.G.10)	9	5 th	Students will need a pencil and paper or journal.
Math 6 Evaluate Formula for Given Input Values	6.G.1 (NY 6.A.6)	7		Students will need a pencil and paper or journal.
Ratios and Proportional Relationships				
RTI Probe	Common Core (NY Performance Indicator)	# of Activities	Support at Previous Grade Levels	Notes
Math 6 Read, Write & Identify Percents	6.RP.3.c (NY 6.N.11)	4		Students will need a pencil and paper or journal.
Math 6 Percents	6.RP.3.c (NY 5.N.11)	6		Percent means part of 100 and can be written as fractions or decimals. Student may need pencil and paper or notebook.
Math 6 Percent Problems Involving Rate and Base	6.RP.3.c (NY 6.N.12)	8		Students will need a pencil and paper or journal.
Math 6 Estimate Percent of Quantity	6.RP.3.c (NY 6.N.26)	6		Students will need a pencil and paper or journal.

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Statistics and Probability				
RTI Probe	Common Core (NY Performance Indicator)	# of Activities	Support at Previous Grade Levels	Notes
Math 6 Mean/Average	6.SP.3, 6.SP.5.c&d (NY 5.S.3)	8		Student may need pencil and paper or notebook.
Math 6 Mean, Mode, Median	6.SP.5.c&d, 6.SP.3 (NY 6.S.5)	7		Teacher will need to print out worksheet for #6764. Students will need a pencil and paper or journal
The Number System				
RTI Probe	Common Core (NY Performance Indicator)	# of Activities	Support at Previous Grade Levels	Notes
Math 6 Order Rational Numbers - Positive and Negative	6.NS.6 (NY 6.N.15)	14		7 of the activities are quizzes. Students will need a pencil and paper or journal.
Math 6 Locate Rational Numbers on Number Line	6.NS.6.c (NY 6.N.14)	7		Students will need a pencil and paper or journal.
Math 6 Define Absolute Value	6.NS.7.c (NY 6.N.13)	3		Students will need a pencil and paper or journal.

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Expressions and Equations				
RTI Probe	Common Core (NY Performance Indicator)	# of Activities	Support at Previous Grade Levels	Notes
Math 6 Evaluate Expressions Having Exponents	6.EE.1 (NY 6.N.25)	6		Students will need a pencil and paper or journal.
Math 6 Evaluate Numerical Expressions Using Order of Operations	6.EE.2.c (NY 6.N.22)	7		Students will need a pencil and paper or journal.
Math 6 Commutative and Associative Property of + and x	6.EE.3 (NY 6.N.2)	8		Students will need a pencil and paper or journal.
Math 6 Substitute Assigned Values	6.EE.2.c (NY 5.A.3)	7	4 th , 5 th	Student may need pencil and paper or notebook. Substitute assigned values into expressions and evaluate
Math 6 1-Step Equations w/ Whole Numbers	6.EE.7 (NY 5.A.4)	6	4 th , 5 th	Student may need pencil and paper or notebook.
Math 6 Evaluate Algebraic Expressions	6.EE.1&2 (NY 6.A.1) (NY 6.A.2)	9		Students will need a pencil and paper or journal.