

Math Placement Matrix – Grade 6 to Grade 7

Criteria	0	1	2	3	4	5	Total Possible Score
Briarcliff Diagnostic Assessment	0-19	20-23	24-27	28-31	32-35	36-40	5 x 2 = 10
Algebra Readiness Assessment	0-29	30-39	40-44	45-49	50-55	56-60	5 x 2 = 10
Marking Period Average (MP1, MP2, MP3)	0-82%	83-86%	87-89%	90-92%	93-96%	97-100%	5

TOTAL – 25 POINTS

Placements:

- *22/25 = Algebra 1ab.*
- *21/25 & below = Algebra 1a (Most 7th grade students will place into this class).*

Topics on the Briarcliff Diagnostic Assessment:

- Number Sense (fractions, decimals, integers, radicals, exponents, order of operations)
- Probability Concepts including but not limited to: Independent & Dependents, Permutations & Combinations, Factorials
- Data Analysis
- Solving Equations & Inequalities
- Geometry (coordinate plane, areas, surface areas, volumes, angles)
- Ratios & Proportions (including Percents)
- Algebraic Expressions (simplifying and evaluating)