

Algebra 2 CCR Summer Assignment



2022

Each incoming Algebra 2 student is to work on the following topics on our IXL site:
<https://www.ixl.com/signin/monmouthhs>. **Students must log in using "Sign in with Google"**. If you have any questions, please contact Dr. Wardell, the math supervisor, at TWardell@monmouthregional.net.

**** STUDENTS MUST LOG IN TO IXL TO COMPLETE THIS ASSIGNMENT****

These topics are under the **Algebra I Tab**.

Solving Equations & Inequalities

- J.11 Solve linear equations
- K.1 Graph linear inequalities (title changed to just "Graph Inequalities")
- K.8 Solve two-step linear inequalities

Linear Functions

- S.6 Graph slope-intercept form (changed to T.23, Point-slope form: graph an equation)

Monomials

- Y.4 Multiply and divide monomials (split into Z.2 and Z.3)
- Y.5 Powers of monomials (changed to Z.5)

Polynomials

- Z.4 Add and Subtract polynomials (changed to AA.4)
- Z.10 Multiply polynomials (changed to AA.11)

Rational functions & Expressions

- GG.3 Simplify rational expressions (changed to HH.2)

Factoring

- AA.4 $a = 1$ (changed to BB.4)
- AA.5 a is not 1 (changed to BB.5)
- AA.6 special cases (changed to BB.6)

Students need to achieve a 60% or better for each topic. Concentrate on maintaining these skills during the summer. This assignment will count as your first grade of Marking Period 1. Your grade is based on the score received on each skill practiced. An **assessment** of these topics will be administered during the first week of school in September.

Summer Assignment Grading Rubric

	F	D	C	B	A
Number of skills	5 or less	6	7	8-10	11-12
Score	>60	>60	>60	>60	>60

**** THIS MUST BE COMPLETED BY THE FIRST DAY OF SCHOOL.****

**** NO CREDIT WILL BE GIVEN FOR LATE IXL SUBMISSIONS ****