

Name: _____

Period: _____

Algebra 2 Summer Work

The following strands must be completed on iXL. Sign in to your iXL account at [ixl.com/somers](https://www.ixl.com/somers). Select grade level Algebra 2. The average of your best attempted SmartScores will be entered as a quiz grade for quarter 1. Strands are due on the first day of class. If the strand name and number do not match, please go by the strand name.

On the second day of class, there will be an assessment consisting of one question from each strand. This assessment will also count as a quiz grade for quarter 1.

Algebra 2 Strands	Strand Name	SmartScore Earned	Points Earned
B.1	Solve linear equations		
B.2	Solve linear equations: word problems		
B.5	Graph solutions to absolute value equations		
B.6	Solve multivariable equations		
C.1	Graph a linear inequality in one variable		
C.3	Write a linear inequality: word problems		
D.1	Domain and range		
D.6	Find the slope of a linear function		
D.7	Graph a linear function		
D.8	Write the equation of a linear function		
E.1	Is (x, y) a solution to the system of equations?		
E.2	Solve a system of equations by graphing		