

Honors Algebra 2
IXL Summer Assignments
Level M (or A2)

Students must get to an 80% or better on each of the following topics:

- ☐ A.1 Domain and range
- ☐ A.2 Identify functions
- ☐ A.3 Evaluate functions
- ☐ B.1 Solve linear equations
- ☐ B.4 Rearrange multi-variable equations
- ☐ C.1 Graph inequalities
- ☐ C.2 Write inequalities from graphs
- ☐ D.1 Find the slope of a linear function
- ☐ D.2 Graph a linear function
- ☐ D.3 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
- ☐ F.3 Is (x,y) a solution to the system of inequalities?
- ☐ L.2 Add and subtract polynomials
- ☐ L.3 Multiply polynomials
- ☐ M.3 Factor out a monomial
- ☐ M.5 Factor quadratics
- ☐ Z.2 Evaluate exponential functions
- ☐ EE.1 Find the center of a circle
- ☐ EE.2 Find the radius or diameter of a circle

*Please pay attention to the **title** of each assignment, as IXL tends to update during the summer and sometimes the letters are different.
This will count as your first quiz grade for this class.