



Upper Academy

Algebra

Summer 2023 Home Learning

We strongly encourage your child works on the **IXL Algebra Summer Boost Skill Plan**.

IXL Summer Boost Skill Plan Algebra

- Click on this link for a video to explain how to complete the Summer Boost lessons
<https://tinyurl.com/IXLsummerboost>
- Students log on to IXL through the Student Portal and click on Skills Plans
- Students click on Algebra 1 under IXL Summer Boost: Math
- There are 20 Algebra 1 skills for students to complete in the summer

Day	Skill	Smart Score
1	Write a repeating decimal as a fraction WD6	
2	Multiply numbers written in scientific notation YZU	
3	Pythagorean theorem: find the missing leg or hypotenuse length MTM	
4	Estimate positive and negative square roots 96T	
5	Identify linear and nonlinear functions: graphs and equations XB8	
6	Identify rational and irrational numbers NV6	
7	Solve equations: mixed review HZZ	
8	Identify equivalent expressions involving exponents I VLM	
9	Solve one-step and two-step equations: word problems HCP	
10	Outliers in scatter plots RP8	
11	Graph a line from an equation in slope-intercept form W5E	
12	Solve equations using square roots NNA	
13	Write a linear equation from a slope and a point VKP	
14	Solve a system of equations using any method AM5	
15	Write a linear function from a table UYY	
16	Identify functions ELJ	
17	Compare linear functions: graphs and equations BQQ	
18	Find the distance between two points ZBP	
19	Solve a system of equations by graphing: word problems W9J	
20	Make predictions with scatter plots CM7	