



# IXL Summer Boost skill plan

## Algebra 1



Use IXL's interactive skill plan to get up-to-date skill alignments, assign skills to your students, and track progress.

[www.ixl.com/math/skill-plans/ixl-summer-boost-algebra-1](https://www.ixl.com/math/skill-plans/ixl-summer-boost-algebra-1)

## Days 1-5

Day	IXL skills
Day 1	Write a repeating decimal as a fraction <small>WD6</small>
Day 2	Multiply numbers written in scientific notation <small>YZU</small>
Day 3	Pythagorean theorem: find the missing leg or hypotenuse length <small>MTM</small>
Day 4	Estimate positive and negative square roots <small>96T</small>
Day 5	Identify linear and nonlinear functions: graphs and equations <small>XB8</small>

## Days 6-10

Day	IXL skills
Day 6	Identify rational and irrational numbers NV6
Day 7	Solve equations: mixed review HZZ
Day 8	Identify equivalent expressions involving exponents I VLM
Day 9	Solve one-step and two-step equations: word problems HCP
Day 10	Outliers in scatter plots RP8

## Days 11-15

Day	IXL skills
<b>Day 11</b>	Graph a line from an equation in slope-intercept form <small>W5E</small>
<b>Day 12</b>	Solve equations using square roots <small>NNA</small>
<b>Day 13</b>	Write a linear equation from a slope and a point <small>VKP</small>
<b>Day 14</b>	Solve a system of equations using any method <small>AM5</small>
<b>Day 15</b>	Write a linear function from a table <small>UYU</small>

## Days 16-20

Day	IXL skills
Day 16	Identify functions ELJ
Day 17	Compare linear functions: graphs and equations BQQ
Day 18	Find the distance between two points ZBP
Day 19	Solve a system of equations by graphing: word problems W9J
Day 20	Make predictions with scatter plots CM7