



# 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
<b>Day 1</b>	Convert between repeating decimals and fractions <small>WD6</small>
<b>Day 2</b>	Multiply numbers written in scientific notation <small>YZU</small>
<b>Day 3</b>	Pythagorean theorem: find the missing leg or hypotenuse length <small>MTM</small>
<b>Day 4</b>	Estimate positive and negative square roots <small>96T</small>
<b>Day 5</b>	Identify linear and nonlinear functions: graphs and equations <small>XB8</small>

## Days 6-10

Day	IXL skills
<b>Day 6</b>	Identify rational and irrational numbers NV6
<b>Day 7</b>	Solve equations: mixed review HZZ
<b>Day 8</b>	Identify equivalent expressions involving exponents I VLM
<b>Day 9</b>	Solve one-step and two-step equations: word problems HCP
<b>Day 10</b>	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 W5E
<b>Day 12</b>	Solve equations using square roots NNA
<b>Day 13</b>	Write a linear equation from a slope and a point VKP
<b>Day 14</b>	Solve a system of equations using any method AM5
<b>Day 15</b>	Write a linear function from a table UYY

## Days 16-20

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