



# IXL Summer Boost skill plan

## Precalculus



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-prec calculus](https://www.ixl.com/math/skill-plans/ixl-summer-boost-prec calculus)

## Days 1-5

Day	IXL skills
Day 1	Factor using a quadratic pattern QKF
Day 2	Simplify rational expressions 37N
Day 3	Using the discriminant QHK
Day 4	Simplify radical expressions with variables II QGZ
Day 5	Match quadratic functions and graphs QCE

## Days 6-10

Day	IXL skills
Day 6	Simplify expressions involving rational exponents II U96
Day 7	Conjugate root theorems EYD
Day 8	Multiply polynomials 8GN
Day 9	Find values of inverse functions from graphs Z5C
Day 10	Add and subtract complex numbers JVF

## Days 11-15

Day	IXL skills
Day 11	Transformations of functions RSN
Day 12	Find probabilities using the normal distribution I QA9
Day 13	Symmetry and periodicity of trigonometric functions YBJ
Day 14	Expected values for a game of chance F2J
Day 15	Graph translations of sine and cosine functions 9D7

## Days 16-20

Day	IXL skills
<b>Day 16</b>	Properties of logarithms: mixed review 5LL
<b>Day 17</b>	Find confidence intervals for population means JVK
<b>Day 18</b>	Solve exponential equations using natural logarithms KVL
<b>Day 19</b>	Analyze the results of an experiment using simulations RLB
<b>Day 20</b>	Solve logarithmic equations II RLX