Trinity Catholic High School

Mathematics Summer Work



College Prep, Honors & AP

Mathematics

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All Trinity Catholic High School students will be responsible for completing the IXL Summer Boost: Math. Below are instructions on how to get started.

Completion of the IXL Summer Boost: Math will be the first summative grade for Quarter 1. In order to receive full credit students must:

- 1. Complete the appropriate Summer Boost Skill Plan according to the chart below.
- 2. Reach a SMART score of at least an 80 in each daily skill (total of 20 skills).

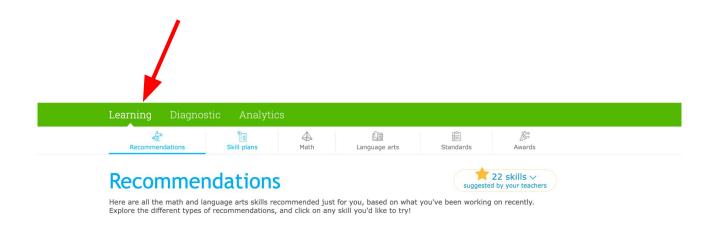
Enrolled Course	Summer Assignment
Algebra 1 Pre-AP and CP	8th Grade Summer Boost
Geometry Pre-AP and CP	Algebra 1 Summer Boost
Algebra 2 Pre-AP and CP	Algebra 1 Summer Boost
Precalculus Honors	Algebra 2 Summer Boost
AP Precalculus	See Separate Document
AP Calculus AB	See Separate Document
Honors Calculus	Precalculus Summer Boost
AP Probability & Statistics	Algebra 2 Summer Boost
Probability & Statistics	Algebra 2 Summer Boost
Math for College Algebra	Algebra 2 Summer Boost



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Login Page



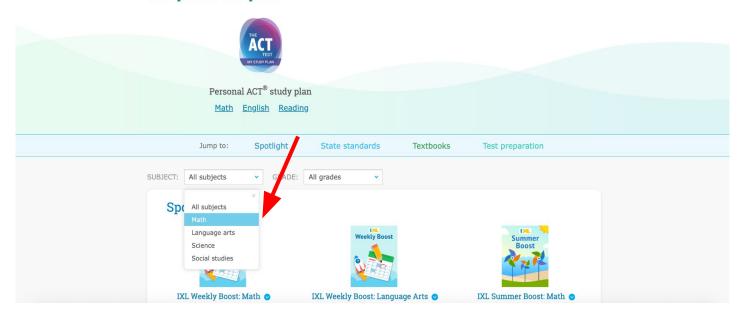
Learning Page



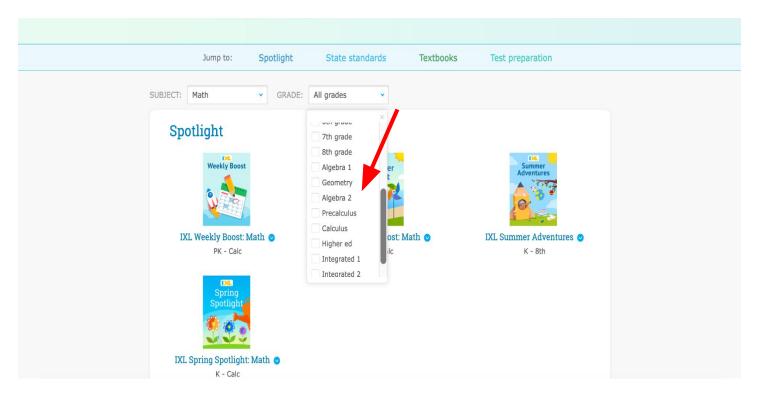
Choose Skill Plans



Your pinned skill plans



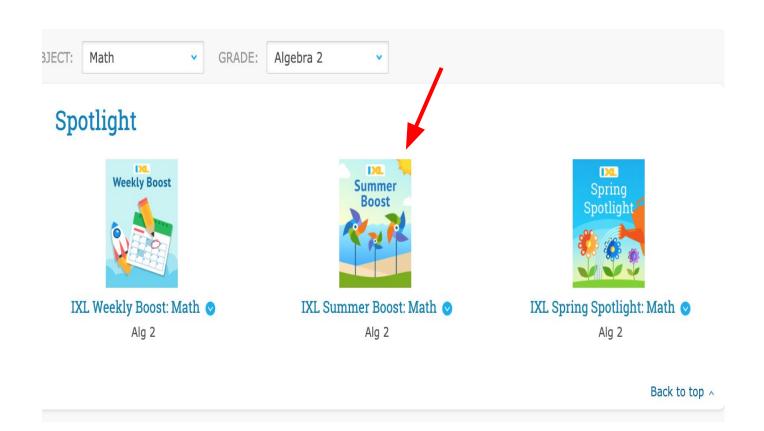
Choose Math



Choose Course

Enrolled Course	Summer Assignment
Algebra 1 Pre-AP and CP	8th Grade Summer Boost
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Probability & Statistics	Algebra 2 Summer Boost
Math for College Algebra	Algebra 2 Summer Boost

Choose Course



Choose Summer Boost Math



IXL Summer Boost skill plan - Algebra 2

Help rising Algebra 2 students solidify their understanding of key concepts this summer with IXL's day-by-day skill plan!

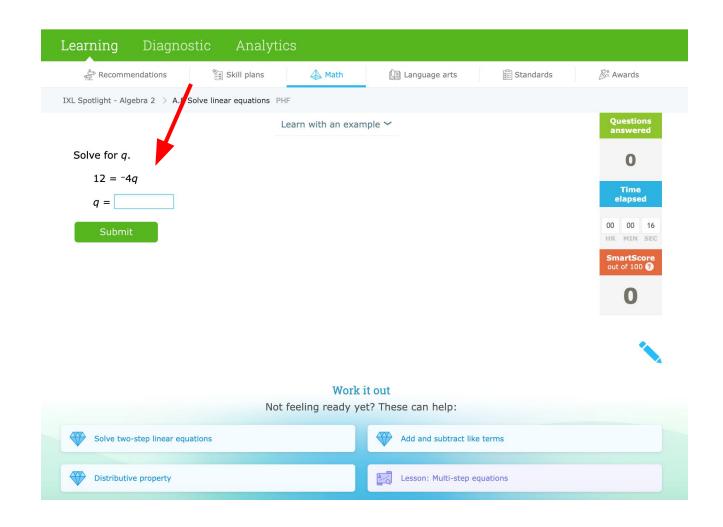
Week 1 2 3 4

Print skill plan

Get Started with the Summer Plan

1 Days 1-5	
Day 1	Solve linear equations
Day 2	Graph circles from equations in standard form
Day 3	Solve systems of linear equations
Day 4	Write equations of parabolas in vertex form from graphs
Day 5	Multiply two binomials

Sample Week



Sample Problem

Sorry, incorrect...

Sometimes you get it wrong!

Explanation

How do you write $\frac{1}{6}$ as a decimal? $0.\overline{1}$ $0.8\overline{3}$ $0.1\overline{6}$ $0.0\overline{6}$ You answered: $0.\overline{1}$ $0.8\overline{3}$ $0.1\overline{6}$ $0.0\overline{6}$

Review the Explanation

Write a bar over the repeating part of the decimal.

Reminders are Great

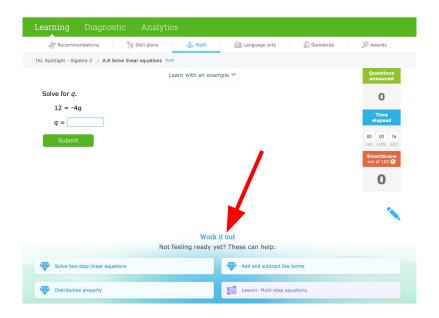
Divide the numerator by the denominator.

 $\frac{1}{6}$ is equal to 0.166666..., or 0.16.

Review the Solution

Got it

Ready to Move On



Not Ready Yet?

