

Dr. Garbee's Rising 8th Math Summer Assignment, 2021

Hi everyone! I miss you all and hope you have a great summer. **Below is your summer IXL assignment.** You have the freedom to work at your own pace, but I recommend you do a little every day instead of waiting until the last minute to try and cram this in before school starts again.

To get started,

1. Log in to IXL: <https://www.ixl.com/signin/sjbss> with your username and password.
2. Please go to "Profile and Settings" under your name and update the email address (this will help with lost passwords and give you updates about your progress).
3. Click on the skill you're practicing from the list below and get started! Your progress is on the main page of each grade level represented by a number in parentheses.

Your summer math work is the first grade in the gradebook for next year and it's worth 100 points, so make sure to do your best. Points will be awarded for each skill based on the following progress scale:

85-100 - 5 points

70-84 - 4 points

50-69 - 3 points

30-49 - 2 points

10-29 - 1 point

(20 skills @ 5 points possible = 100 points possible)

IXL 8th Grade:

- | | |
|---|--|
| <input type="checkbox"/> D4 Convert between decimals and fractions or mixed numbers | money amounts |
| <input type="checkbox"/> E8 Apply addition, subtraction, multiplication, and division rules | <input type="checkbox"/> J12 Percent of change: find the original amount word problems |
| <input type="checkbox"/> E9 Evaluate numerical expressions involving rational numbers | <input type="checkbox"/> K6 Find the percent: tax, discount, and more |
| <input type="checkbox"/> F6 Understanding negative exponents | <input type="checkbox"/> K8 Multi-step problems with percents |
| <input type="checkbox"/> F20 Solve equations using square roots | <input type="checkbox"/> M1 Multi-step word problems |
| <input type="checkbox"/> G2 Compare numbers written in scientific notation | <input type="checkbox"/> N3 Follow directions on a coordinate plane |
| <input type="checkbox"/> H4 Equivalent ratios: word problems | <input type="checkbox"/> W11 Solve equations with variables on both sides |
| <input type="checkbox"/> H11 Estimate population size using proportions | <input type="checkbox"/> W12 Solve equations: mixed review |
| <input type="checkbox"/> I2 Write equations for proportional relationships from tables | <input type="checkbox"/> X1 Solutions to inequalities |
| <input type="checkbox"/> J6 Percents of numbers and | <input type="checkbox"/> DD4 Changes in mean, median, mode, and range |
| | <input type="checkbox"/> DD5 Calculate quartiles and interquartile range |