

Geometry & Trigonometry Honors

In an effort to maintain all of the knowledge and skills that you have acquired this school year, we have prepared a list of topics on IXL that we would like you to work on this summer. We ask that you **spend 30 minutes or reach a SmartScore of 80 on each skill**, whichever comes first. To access this practice, go to <https://www.ixl.com/signin/garrisonforest>. Enter your username and password to sign in. If you are new to Garrison Forest School, or have forgotten your IXL login, please contact our department chair, Mr. Beam, at jamesbeam@gfs.org. Use the search bar at the top of the page and enter the shortcut code to find a skill. Do your best and make sure not to save this all until the very end. Have a wonderful summer and we will see you in the fall!

Mr. Beam, Mrs. Brown, Mrs. Yapsuga, Ms. Browne, and Ms. Riesenfeld

These topics can be found in the Algebra I section.

| Skill Name | Shortcut Code |
|---|---------------|
| C5 Solve proportions | 2ZL |
| C7 Scale drawing: word problems | 8B7 |
| Z5 Add polynomials to find perimeter | 8AS |
| Z11 Multiply polynomials to find area | 5VH |
| F4 Volume | BK9 |
| F16 Pythagorean Theorem | KKT |
| G1 Coordinate Plane Review | H6E |
| J4 Solve two-step linear equations | QAK |
| J5 Solved advanced linear equations | 2AN |
| J6 Solve equations with variables on both sides | 7S7 |
| K8 Solve two-step linear inequalities | NPZ |
| U14 Solve a syst. of equations using any method | HLV |
| N10 Data | UVL |
| AA4 Factor quad. with leading coefficient of 1 | S9P |
| AA5 Factor quadratics with other coefficients | 7ED |
| Factor Polynomials | TAH |