HONORS GEOMETRY SUMMER WORK –The purpose of this summer assignment is to keep your skills from Algebra 1 sharp and ready to use in your Honors Geometry class. This is intended to be a slow and steady assignment: do one skill per day on week days of summer (should take 10-20 mins per skill) and you should be done with your summer math assignment well before its due. :D There will be a quiz on this summer assignment during the first week of school.

- Log into IXL (if you don't know your log in, you should have received an email with your log in information… if you can't log in or have other questions, please email pamelas@villagechristian.org BEFORE June 29)
- Under the **learning** tab, type in the **shortcut code** next to the listed skill into the search bar, get each assigned skill **up to a smart score of at least 60 *or* get 6 problems correct if you have already previously completed a skill assigned by a previous teacher**. If you get one wrong, but be sure to go over the detailed help before you move on.

IXL Level: Algebra 1 (check each skill completed: listed is the skill name and **SHORTCUT code in BOLD**.

- A.4: Convert between decimals and fractions (**WSD**)
- B.4 Add and Subtract rational Numbers (**J8R**)
- B.5 Multiply and Divide Rational Numbers (**H6L**)
- C.2 Write an Equivalent Ratio **(RW6)**
- C.5 Solve Proportions **(2ZL)**
- G.1 Coordinate Plane Review **(H6E)**
- G.2 Midpoint Formula: Find the Midpoint **(UQE)**
- G.4 Distance Between Two Points **(AYD)**
- H.2 Distributive Property **(BHC)**
- J.10 Solve One Step and Two Step linear equations **(UFG)**
- J.11 Solve Linear Equations : Mixed Review **(DN6)**
- AA.6 Multiply a Polynomial by a Monomial **(G2G)**
- AA.9 Multiply two Binomials : Special Cases **(9JN)**
- FF.1 Simplify Radical Expressions **(ZFF)**
- FF.3 Simplify Radical Expressions Involving Fractions (**VR2**)
- T.4 Find the slope from 2 points **(MDF)**
- T.6 Slope Intercept Form: find the slope and y-intercept **(R5T)**
- T.7 Slope INtercept Form: graph an equation **(UWB)**
- T.27 Slopes of Parallel and Perpendicular Lines **(ADB)**
- T.22 Graph of a Horizontal or Vertical Line **(BTK)**

DUE DATE: By the first day of school, Tuesday, August 15, 2023