

HONORS PRE-CALCULUS SUMMER WORK 2026

Welcome!

Congratulations on enrolling in Honors Pre-Calculus!

The purpose of this summer assignment is to review important Algebra 2 concepts that you will use throughout the year. To make the workload manageable, the assignment has been broken into small pieces that can be completed throughout the summer.

Plan on spending about 10-20 minutes per skill. If you complete the assignments as they are posted in Google Classroom, you should finish comfortably before school begins.

STEP 1: JOIN GOOGLE CLASSROOM

Google Classroom Code: hkw7q2y7

Google Classroom is where you will:

- View assignments
- See due dates
- Submit your work
- Receive announcements and reminders

Important: Each IXL skill below has a corresponding Google Classroom assignment with a summer due date.

STEP 2: GATHER YOUR MATERIALS

You will need:

- ✓ A TI-84 Plus Graphing Calculator (required for this course)
- ✓ A single-subject notebook or composition notebook
- ✓ Access to your IXL account (*if you are a returning student your login should be your village email @vcscs, and your village given password.*) ***If you are a new to Village student, email anthonybowers@villagechristian.org for your IXL login info***

Tape or glue this assignment sheet inside the front cover of your notebook.

STEP 3: COMPLETE EACH ASSIGNMENT

For every assigned IXL skill:

1. Log into <http://ixl.com/>
2. Type the shortcut code into the search bar.
3. Complete the skill until you reach:
 - o a SmartScore of 80 or higher, OR
 - o 8 correct problems if the skill was previously completed.
4. If you miss a problem:
 - o Read the explanation.
 - o Use Learn with an Example.
 - o Watch the instructional video when available.

STEP 4: SHOW YOUR WORK

For each skill:

1. Start a new page in your notebook.
2. Write the skill name and shortcut code at the top.
3. Show all work needed to solve the problems.
4. Label pages clearly.

Example Notebook Heading

N.5 – Graph a Quadratic Function (S9G)

Then show your work for that skill on that page. If there is NO work shown, there will be no credit received.

STEP 5: SUBMIT YOUR WORK

After completing each skill:

1. Take a picture or scan your notebook page(s).
2. Upload the work to the matching Google Classroom assignment.
3. Submit before the due date.
4. THE ENTIRE SUMMER NOTEBOOK IS DUE THE FIRST DAY OF CLASS

IMPORTANT REMINDERS

- Complete assignments throughout the summer according to the Google Classroom schedule.
- Bring your completed notebook on the first day of school.
- *Your notebook will be collected.*

- There will be a quiz during the first week of school covering these skills.

SUMMER SKILL SCHEDULE -also in GC

Week	Tuesday Assignment	Friday Assignment
Week 1	□ N.5: Graph a Quadratic Function (S9G)	□ O.5: Solve a Quadratic by Completing the Square (NPH)
Week 2	□ O.6: Quadratic Formula (YQH)	□ K.4: Multiply Complex Numbers (VZ8)
Week 3	□ K.5: Divide Complex Numbers (MBM)	□ R.5: Simplify Radical Expressions with Variables II (QGZ)
Week 4	□ T.7: Rational Exponents II (U96)	□ O.3: Solve a Quadratic by Factoring (CJC)
Week 5	□ L.3: Multiply Polynomials (8GN)	□ L.5: Synthetic Division (D6D)
Week 6	□ R.8: Simplify Radical Expressions Involving Fractions (CCU)	□ S.3: Solve Radical Equations (EHE)
Week 7	□ X.5: Multiply & Divide Rational Functions (MG2)	□ U.4: Composition of Linear Functions: Find a Value (MFV)
Week 8	□ U.5: Composition of Linear Functions: Find an Equation (RSP)	□ V.1: Identify Inverse Functions (9KT)
Week 9	□ BB.1: Domain and Range of Exponential & Logarithmic Functions (GLL)	□ AA.1: Convert Between Exponential and Logarithmic Form (TPA)
Week 10	□ AA.4: Evaluate Logarithms (GBR)	□ AA.6: Change of Base Formula (J2R)