

TOP 13 SKILLS YOU NEED FOR GEOMETRY

Make sure your student is ready for Geometry using this checklist as a guide. It covers all the prerequisite skills that are going to be most important for success in Geometry, so make sure they are comfortable with all of them!



INTEGER OPERATIONS AND EQUATION SOLVING

Integer and equation skills will be used in just about every problem next year. Make sure these skills are as easy as 1, 2, 3 or your student will struggle all year.

- Adding and Subtracting Integers
- Multiplying and Dividing Integers
- One, Two, and Multi-step Equations
- Literal Equations



GEOMETRY BASICS

Being able to recognize, formally name, and manipulate the foundation elements of Geometry is an often overlooked set of skills that are vitally important to navigating almost all problems in Geometry.

- Know the definitions, properties, and labeling rule of the following shapes
 - Points
 - Lines
 - Planes
 - Angles
 - Line Segments
 - Rays
- Identify and name the shapes formed by intersections of the above shapes



LINEAR EQUATIONS

Linear Equations don't disappear after Algebra 1, they are used frequently in many advanced problems in Geometry, so if your child doesn't have them down pat they are in for an uphill battle come fall.

- Graph lines in slope-intercept, point-slope, and standard form
- Write equations in any form from two points or a graph
- Graph and write equations for horizontal and vertical lines



RADICAL OPERATIONS

Radical operations surprisingly show up in a lot of Geometry problems. Being able to successfully calculate area and perimeter, solve triangles, or complete proofs on the coordinate plane requires solid radical skills.

- Simplify Radicals
- Add and Subtract Radicals
- Multiply Radicals
- Rationalize Radical Denominators



MATHEASE TUTORING

Worried your student's skills don't stack up?

We'll teach your child the way that makes sense to them.

Be Ready to Thrive in Geometry

Call 702-436-6964 or Email mathease@me.com