

**ACT Math test questions:**

### **Coordinate Geometry (15%)**

Graphing

Relations between equations and graphs: Points, lines, polynomials, circles and other curves

Graphing inequalities

Slope

Parallel and perpendicular lines

Distance

Midpoints

Conics

### **PLANE GEOMETRY / TRIGONOMETRY**

#### **Plane Geometry (23%)**

Properties and relations of plane figures

Angle and relations among perpendicular and parallel lines

Properties of circles

Properties of Triangles

Properties of rectangles, parallelograms and trapezoids

Transformations

Concept of proof and proof techniques

Volume

Application of geometry to three dimensions