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## **Geometry Class -- Netbook Version**

**Lines and Angles:** Angles icon: Concepts include:

- Points on the number line
- Distance between points on the number line
- Classify Angles and Pairs of Angles
- Measures of Angles
- Adding and Subtracting Angles

**Area and Perimeter:** plane\_figures icon: Concepts include:

- Perimeter
- Area of Triangles and Quadrilaterals
- Classify Angles and Pairs of Angles
- Area and Circumference of Circles
- Area of Sections of Circles
- Formulas for Plane Figures
- Review of Ratio and Proportion

**Triangles:** triangles icon

- Sums of Angles in a Triangle
- Exterior Angles of a Triangle
- One Triangle Inequality
- Kinds of Triangles
- Congruent Triangles
- Similar Triangles

**Solid Figures:** solids icon

- Volume of Prisms
- Volume of Cylinders and Spheres
- Volume of Cones and Pyramids
- Surface Area of Prisms
- Surface Area of Cylinders and Spheres



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- Pythagorean Theorem
- Cones, Cylinders, Spheres, and Circles
- Review of Formulas

**Right Triangles:** right\_triangles icon

- Pythagorean Theorem
- Ratio and Proportion
- Isosceles Right Triangles
- 30-60-90 Degree Triangles
- Equilateral Triangles
- Similar Right Triangles

**Geometry Class Record Sheet:** A printable file for keeping records of your students' progress as they use the programs.