Exam 1 Review

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This is a short exam review to cover the major concepts we've seen in this course, as well as to list definitions, proofs, constructions, and a few other things that you should be able to recall for the exam. This review doesn't cover all the material in the course, but it's a good starting point for studying.

Definitions to know: Line, ray, segment (and their notations), congruent (segments, angles, triangles), angle (straight, right, obtuse, actue, reflex), adjacent angles, supplementary, complementary, parallel, perpendicular, circle, triangle, scalene, isosceles, equilateral, quadrilateral, parallelogram, rectangle, rhombus, square, trapezoid, kite, transversal, n-sided polygon, regular (polygon), convex.

Constructions to know: Equilateral triangle with a given side $\overline{AB}$; bisection of a given angle with vertex A; bisect a given segment $\overline{AB}$.

Angle properties to know: All the facts listed in the "Background Knowledge" section of Chapter 4, on pages 73-75.

Proofs to know: The sum of interior angles in a triangle is $180°$.