Geometry Fall Final Exam Topic List 2016

- ❏ Identify whether an "argument" is inductive or deductive reasoning; explain.
- ❏ Find the next items in a pattern.
- ❏ Identify angles as acute, obtuse or right.
- ❏ Use definitions of midpoint, angle bisector, complementary or supplementary to solve algebra equations.
- ❏ Know marks for congruent segments and angles.
- ❏ Know that linear pairs of angles are supplementary and use to solve problems.
- ❏ Name segments, lines, rays, planes, points, and angles appropriately and identify coplanar and collinear pts/lines.
- ❏ Name angle pairs correctly in sketches (vertical, linear pairs, corresponding, alternate interior, alternate exterior, consecutive interior.
- ❏ Know which of these are congruent and which are supplementary when parallel lines are cut by a transversal; use to solve problems with algebra.
- ❏ Identify which lines are parallel given information about angle pairs; explain.
- ❏ Know the difference between rigid transformations (isometries) and non-rigid. Know three types of rigid ones.
- ❏ Know that translation moves along a vector, so left or right, up or down. Know how to translate from words, coordinate rule, or vector notation.
- ❏ Know that reflections have a line of symmetry; each point equidistant from that line. Reflections have opposite orientation.
- ❏ Know that rotations are around (about) a point, measured in degrees clockwise or counterclockwise (default direction).
- ❏ Identify lines of symmetry, points of rotational symmetry and degrees of rotational symmetry from sketches.