

Some questions will be multiple choice, some you will need to show your work

- ❖ Naming of points, lines, line segments, rays, angles
- ❖ Alternate interior, alternate exterior, corresponding, same side interior, vertical, adjacent, supplementary, complementary angles.
- ❖ Types of angles – acute, right, obtuse, reflex
- ❖ Polygons – Triangles, Quadrilaterals – Properties of Parallelograms
- ❖ Sums of interior angles of polygons
- ❖ Measures of each interior, exterior, central angle of REGULAR polygons
- ❖ Identification of prisms, pyramids, cylinders, cones
- ❖ Symmetry – line and rotational
- ❖ Systems of Measurement: Metric and English
- ❖ Pythagorean Theorem
- ❖ Area and circumference of circles
- ❖ Area and perimeter of trapezoids, squares, triangles, parallelograms, rectangles
- ❖ Volume of prisms, cylinders, pyramid, cone
- ❖ Surface area of cylinder, prism
- ❖ Triangle inequality theorem
- ❖ Reflections, rotations, translations
- ❖ Similar polygons – AA similarity property – properties of similar polygons
- ❖ Scale Factors