

GEOMETRY – PART 2

Session 13: Circles

- Arc Measure, Arc Length, & Circumference
- Area

Session 14: Circles & Angles

- Inscribed Angles
- Angles Inside & Outside Circles

Session 15: Tangents & Power of a Point

- Tangents
- Circle Problems
- Power of a Point Theorem

Session 16: 3D Geometry

- Planes
- Prisms
- Pyramids
- Regular Polyhedra

Session 17: Curved Surfaces

- Cylinders
- Cones
- Spheres

Session 18: Review

Session 19: Transformations

- Translations
- Rotations
- Reflections
- Dilation

Session 20: Analytic Geometry

- Lines
- Circles
- Proofs

Session 21: Analytic Geometry

- Distance Between a Point and a Line
- Advanced Geometry Problems

Session 22: Trigonometry

- Introduction to Trigonometry
- Non-Right Triangles
- Law of Sines
- Law of Cosines

Session 23: Applications & Strategies

- The Extra Line
- Assigning Variables
- Proofs

Session 24: Review