

Year 11 M3:Higher Tier

Geometry and Measure Overview

Learning Outcomes

You should be able to:

- identify and apply circle definitions and properties, including: tangent, arc, sector and segment;
- use compound units such as pressure;
- solve mensuration problems that involve arc length and area of sector; surface area and volume of a cylinder, cone and sphere;
- understand and use the trigonometric ratios of sine, cosine and tangent to solve 2D problems, including those involving angles of elevation and depression;