

Areas

Area of a triangle

Area of a square

Area of a rectangle

Area of a parallelogram

Area of a rhombus

Area of a trapezoid

Area of a circle

Area of a sector

Area of regular polygon

Length of arcs

Length of an arc

Surface areas

Surface area of a prism

Surface area of a pyramid

Surface area of a cylinder

Lateral areas

Lateral area of a prism

Lateral area of a pyramid

Lateral area of a cylinder

Volumes

Volume of a sphere

Volume of a prism

Volume of a cylinder

Angle and arc measures with a circle

Vertex at the center

Vertex in the circle

Vertex on the circle

Vertex outside the circle

Length of segments with a circle

Segments – chord chord

Segments – tangent secant

Segments – secant secant

Segments – tangent tangent

Right triangles

Basic trig - sine, cosine, and tangent

Special triangles - 30, 60, 90 and 45, 45, 90

Pythagorean Theorem

Polygons

Sum of angles

Exterior angle sum