

Subject	Chapter	Topic	Subtopic
Mathematics	Coordinate Geometry	Basic Concepts & Formulae	Rectangular Cartesian coordinates & Quadrants
Mathematics	Coordinate Geometry	Basic Concepts & Formulae	Distance formula
Mathematics	Coordinate Geometry	Basic Concepts & Formulae	Section formula (internal, external, midpoint)
Mathematics	Coordinate Geometry	Basic Concepts & Formulae	Area of a triangle
Mathematics	Coordinate Geometry	The Straight Line	Various forms of the equation of a line
Mathematics	Coordinate Geometry	The Straight Line	Angle between two lines
Mathematics	Coordinate Geometry	The Straight Line	Distance of a point from a line
Mathematics	Coordinate Geometry	The Straight Line	Intersection of two or more straight lines
Mathematics	Coordinate Geometry	The Straight Line	Equation of a pair of straight lines
Mathematics	Coordinate Geometry	Conic Sections: The Circle	Standard and general equations of a circle
Mathematics	Coordinate Geometry	Conic Sections: The Circle	Equation of tangent and normal
Mathematics	Coordinate Geometry	Conic Sections: Parabola	Standard equation, focus, directrix, latus rectum
Mathematics	Coordinate Geometry	Conic Sections: Parabola	Equation of tangent and normal
Mathematics	Coordinate Geometry	Conic Sections: Ellipse	Standard equation, foci, directrix, eccentricity
Mathematics	Coordinate Geometry	Conic Sections: Ellipse	Equation of tangent and normal
Mathematics	Coordinate Geometry	Conic Sections: Hyperbola	Standard equation, foci, directrix, eccentricity
Mathematics	Coordinate Geometry	Conic Sections: Hyperbola	Equation of tangent and normal