

Centum Preparation 100 Days plan class 12 Maths

Q.No.	DAY - 25
144	<p>Example 5.2</p> <p>Find the equation of the circle described on the chord $3x + y + 5 = 0$ of the circle $x^2 + y^2 = 16$ as diameter.</p>
145	<p>Example 5.3</p> <p>Determine whether $x + y - 1 = 0$ is the equation of a diameter of the circle $x^2 + y^2 - 6x + 4y + c = 0$ for all possible values of c.</p>
146	<p>Example 5.4</p> <p>Find the general equation of the circle whose diameter is the line segment joining the points $(-4, -2)$ and $(1, 1)$</p>
147	<p>Example 5.6</p> <p>The line $3x + 4y - 12 = 0$ meets the coordinate axes at A and B. Find the equation of the circle drawn on AB as diameter.</p>
148	<p>Example 5.7</p> <p>A line $3x + 4y + 10 = 0$ cuts a chord of length 6 units on a circle with centre of the circle $(2, 1)$. Find the equation of the circle in general form.</p>