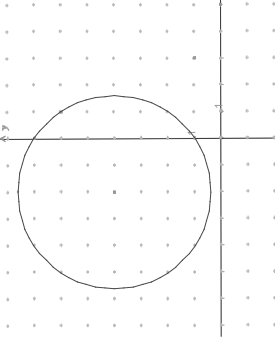


<p>Circles and Lines</p> <p>A circle has centre $(-2, 4)$ and radius $\sqrt{13}$</p> <p>ATM</p>	<p>Circles and Lines</p> <p>The equation of the tangent to the circle at $(1, 6)$ is $2y + 3x = 15$</p> <p>The point $(-5, 2)$ lies on the circle</p> <p>ATM</p>	<p>Circles and Lines</p> <p>The equation of the normal to the circle at $(0, 1)$ is $2y + 3x = 2$</p> <p>The equation of the normal to the circle at $(-4, 1)$ is $2y = 3x + 14$</p> <p>ATM</p>
<p>Circles and Lines</p> <p>The equation of a circle is $x^2 + y^2 + 4x - 8y + 7 = 0$</p> <p>ATM</p>	<p>Circles and Lines</p> <p>The lines $y = x + 6$ and $y + 2x = 0$ cut at the centre of the circle</p> <p>The point $(0, 7)$ lies on the circle</p> <p>ATM</p>	<p>Circles and Lines</p>  <p>ATM</p>
<p>Circles and Lines</p> <p>The equation of a circle is $(x + 2)^2 + (y - 4)^2 = 13$</p> <p>ATM</p>	<p>Circles and Lines</p> <p>The line joining the points $(0, 1)$ and $(-4, 7)$ is a diameter of the circle</p> <p>ATM</p>	<p>Circles and Lines</p> <p>The points $(0, 1)$, $(1, 2)$ and $(-5, 6)$ all lie on the circle</p> <p>ATM</p>