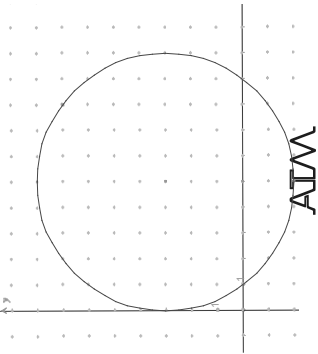


<p>Circles and Lines</p> <p>A circle has centre (5, 3) and radius 5</p> <p>ATM</p>	<p>Circles and Lines</p> <p>The equation of the tangent to the circle at (2, 7) is $4y = 3x + 22$</p> <p>The point (5, -2) lies on the circle</p> <p>ATM</p>	<p>Circles and Lines</p> <p>The equation of the normal to the circle at (10, 3) is $y = 3$</p> <p>The equation of the normal to the circle at (1, 0) is $4y + 3 = 3x$</p> <p>ATM</p>
<p>Circles and Lines</p> <p>The equation of a circle is $x^2 + y^2 - 10x - 6y + 9 = 0$</p> <p>ATM</p>	<p>Circles and Lines</p> <p>The lines $3y + 4x = 29$ and $4y = 3x - 3$ cut at the centre of the circle.</p> <p>The point (8, 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 $(x - 5)^2 + (y - 3)^2 = 25$</p> <p>ATM</p>	<p>Circles and Lines</p> <p>The line joining the points (1, 6) and (9, 0) is a diameter of the circle</p> <p>ATM</p>	<p>Circles and Lines</p> <p>The points (2, -1), (8, -1) and (9, 6) all lie on the circle</p> <p>ATM</p>