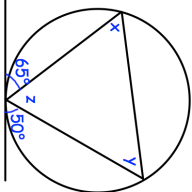
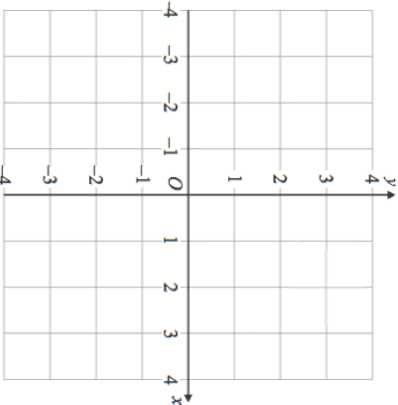
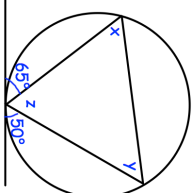
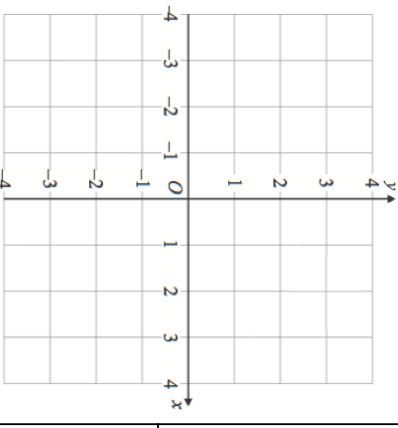


<p>8th January</p> 	<p>Find x, y and z.</p> <p style="text-align: right;">Corbettmaths</p>
	<p>Show the region which satisfies</p> $x \geq 0$ $y < 2x + 3$ $y > x - 1$
<p>A full water tank has sprung a leak. It loses 5% of its contents every minute.</p> <p>Work out how long until the tank loses 40% of its contents.</p>	
<p>y is directly proportional to the square of x.</p> <p>When $y = 24$, $x = 2$.</p> <p>Find the value of y when $x = 4$.</p>	

<p>8th January</p> 	<p>Find x, y and z.</p> <p style="text-align: right;">Corbettmaths</p>
	<p>Show the region which satisfies</p> $x \geq 0$ $y < 2x + 3$ $y > x - 1$
<p>A full water tank has sprung a leak. It loses 5% of its contents every minute.</p> <p>Work out how long until the tank loses 40% of its contents.</p>	
<p>y is directly proportional to the square of x.</p> <p>When $y = 24$, $x = 2$.</p> <p>Find the value of y when $x = 4$.</p>	