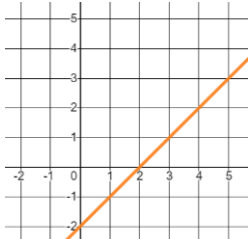
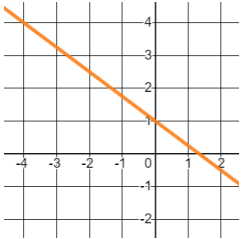


Equation of a Straight Line Revision

(a)	(b)	(c)	(d)
Write down the gradient and y-intercept of the straight line with equation $y = 5x - 2$	Write down the gradient and y-intercept of the straight line with equation $y = -\frac{1}{2}x + 7$	Write down the gradient and y-intercept of the straight line with equation $3y = 2x - 9$	Find the gradient of the line joining (2, 5) and (4, 11)
<i>gradient 5 y - intercept (0, -2)</i>	<i>gradient $-\frac{1}{2}$ y - intercept (0, 7)</i>	<i>gradient $\frac{2}{3}$ y - intercept (0, -3)</i>	3
(e)	(f)	(g)	(h)
Find the equation of the line.	Find the equation of the line.	Write down the equation of the line that is parallel to $y = -4x - 9$ and passes through (0, 2)	Write down the equation of the line that is perpendicular to $y = -3x$ and passes through the point (0, -5)
 <i>$y = x - 2$</i>	 <i>$y = -\frac{3}{4}x + 1$</i>	<i>$y = -4x + 2$</i>	<i>$y = \frac{1}{3}x - 5$</i>
(i)	(j)	(k)	
Find the equation of the line that has a gradient of 2 and passes through (4, 3)	Find the equation of the line that is perpendicular to the line $2y = x - 8$ and passes through (-1, 9)	Find the equation of the line that passes through (2, 9) and (5, 3).	
<i>$y = 2x - 5$</i>	<i>$y = -2x + 7$</i>	<i>$y = -2x + 13$</i>	