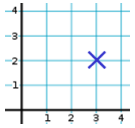
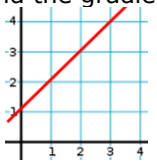
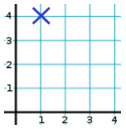
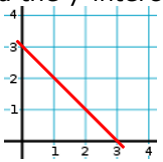
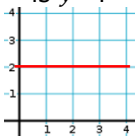
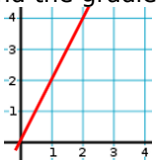
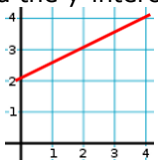
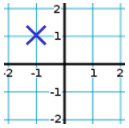
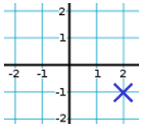
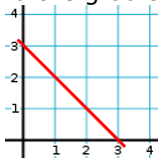
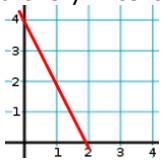
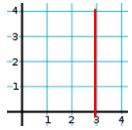
Crack the Code

Straight Line Graphs

Answer all the questions, then add your answers together to find the three-digit code

Write down the gradient of the line with equation $y = 5x - 1$	Complete the table for $y = 2x + 3$ x | 1 | 2 | 3 y | | |	Write down the coordinates of this point. 	Write down the y-intercept of the line with equation $y = x + 10$	Write down the gradient of the line with equation $y = -x + 7$	Find the gradient 
Write down the coordinates of this point. 	Find the y-intercept 	Write down the gradient of the line with equation $y = 8 + 2x$	Complete the table for $y = 3x - 2$ x | 3 | 4 | 5 y | | |	The equation of this line is $y =$? 	Write down the y-intercept of the line with equation $y = 8 + 5x$
Find the missing coordinate in the rhombus with vertices (1, 5), (7, 3) and (13, 5)	Write down the y-intercept of the line with equation $y = \frac{1}{2}x - 1$	Find the gradient 	Find the y-intercept 	Complete the table for $y = -x + 6$ x | 1 | 2 | 3 y | | |	Write down the coordinates of this point. 
Write down the y-intercept of the line with equation $y = 2x - 5$	Complete the table for $y = 5x + 2$ x | 1 | 2 | 3 y | | |	Find the y-intercept 	Write down the gradient of the line with equation $y = 7x$	Find the gradient 	Three corners of a square are (1, 3), (4, 3) and (1, 6). What are the coordinates of the fourth corner?
Write down the gradient of the line with equation $y = -3x - 2$	Write down the coordinates of this point. 	Write down the y-intercept of the line with equation $y = 3x + 15$	Find the gradient 	Complete the table for $y = -2x + 10$ x | 2 | 3 | 4 y | | |	Find the y-intercept 
Find the gradient 	Two corners of a rectangle are (5, 6) and (7, 12). What are the coordinates of the other two corners?	Complete the table for $x + y = 10$ x | 4 | 5 | 6 y | | |	Write down the y-intercept of the line with equation $y = -x + 6$	Write down the gradient of the line with equation $2y = 6x + 10$	The equation of this line is $x =$?