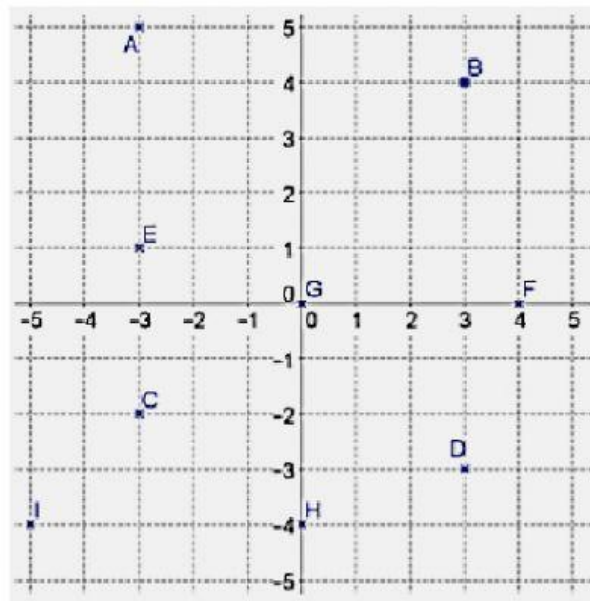


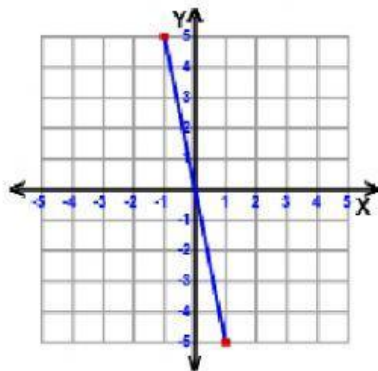
Linear Functions Revision

1. Write the coordinates of the following points.



A (,)	B (,)	C (,)
D (,)	E (,)	F (,)
G (,)	H (,)	I (,)

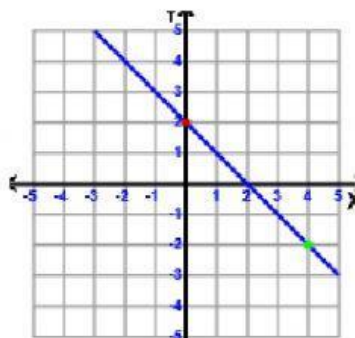
2. Calculate the gradient, find the y - intercept and write the equation of the following graphs.



$$m =$$

$$c =$$

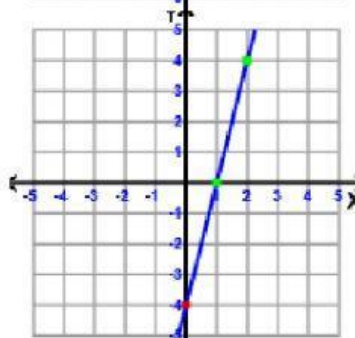
$$y =$$



$$m =$$

$$c =$$

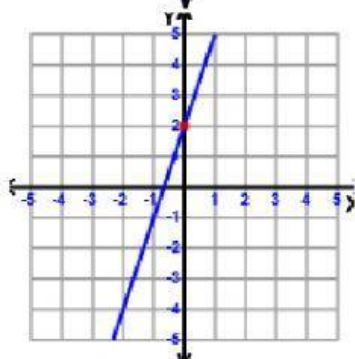
$$y =$$



$$m =$$

$$c =$$

$$y =$$

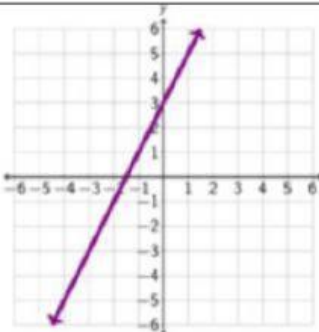
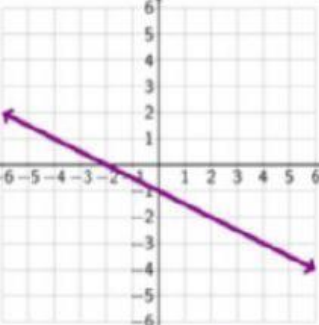
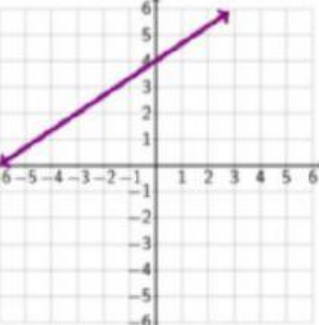
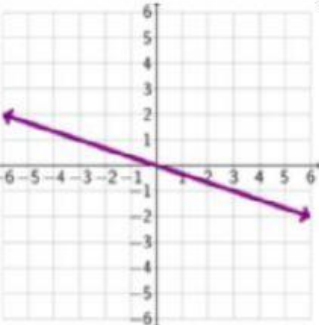
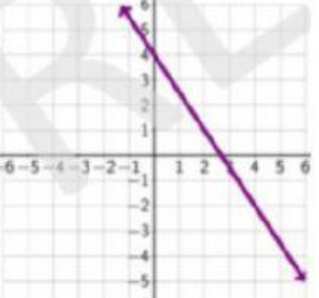


$$m =$$

$$c =$$

$$y =$$

3. Match each graph with the correct equation. You have more equations than graphs.

	$y = \frac{5}{3}x - 1$ $y = -\frac{3}{2}x + 4$
	$y = -\frac{1}{2}x - 1$ $y = -3x$
	$y = 2x + 3$ $y = -\frac{1}{3}x$
	$y = -2x + 3$ $y = \frac{2}{3}x + 4$
	$y = x - 3$

4. The line A is $y = 5x + 2$. Label the following lines as parallel to A, perpendicular to A or neither.

$$y = -5x + 4$$

$$5y = -x + 2$$

$$y = 5x + 10$$

$$y - 5x = 0$$

$$y = \frac{1}{5}x + 4$$

$$y = -\frac{1}{5}x - 11$$

5. Find the equation of the line that passes through (9,14) and is perpendicular to $y = \frac{1}{3}x - 5$.

$$y = \quad x +$$

6. Find the equation of the line that passes through (5,4) and is parallel to $y = -3x + 4$

$$y = \quad x +$$