

# Linear Functions 4



**Section A:** Draw a line with the following gradients.

1) 

	Gradient
	$+\frac{1}{2}$

2) 

	Gradient
	$+\frac{1}{4}$

3) 

	Gradient
	$+\frac{2}{3}$

4) 

	Gradient
	$-\frac{1}{2}$

5) 

	Gradient
	$-\frac{3}{4}$

6) 

	Gradient
	-1.5

7) 

	Gradient
	+2.5

8) 

	Gradient
	-3.5

## Section B

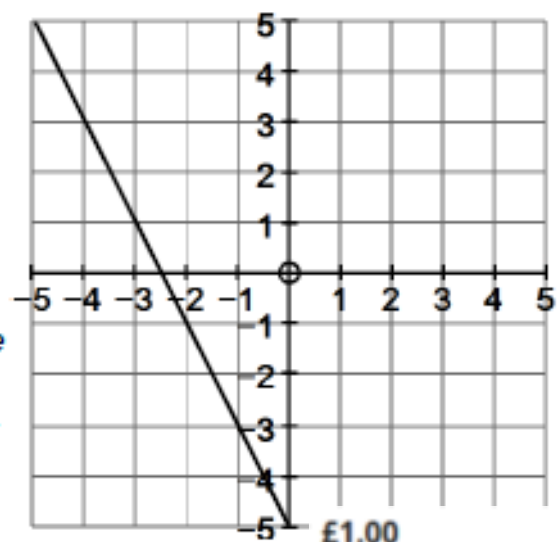
- 1) Find the gradient of the line drawn.
- 2) Draw a line perpendicular to the line drawn.
- 3) Find the gradient of the line you have drawn.

## Extension

Draw two other lines that are perpendicular to the line in section B question 1.

Choose the gradient of one of the perpendicular lines and multiply it with the line in section B question 1.

What do you notice? Repeat if necessary.



£1.00