## **Parallel Lines**

Exercise

Line is of form 
$$y = \frac{1}{2}x + c$$

Sus  $(4,9)$ 
 $9 = \frac{1}{2}(4) + c$ 
 $9 = 2 + c$ 

Find equ of line parallel to 
$$y = -2x - 3$$
 passing through (1, 7)

Line is of form y = -2x + c Sub(1,7) 7 = -2(1) + c7 = -2 + c

$$y = -2x + 9$$