



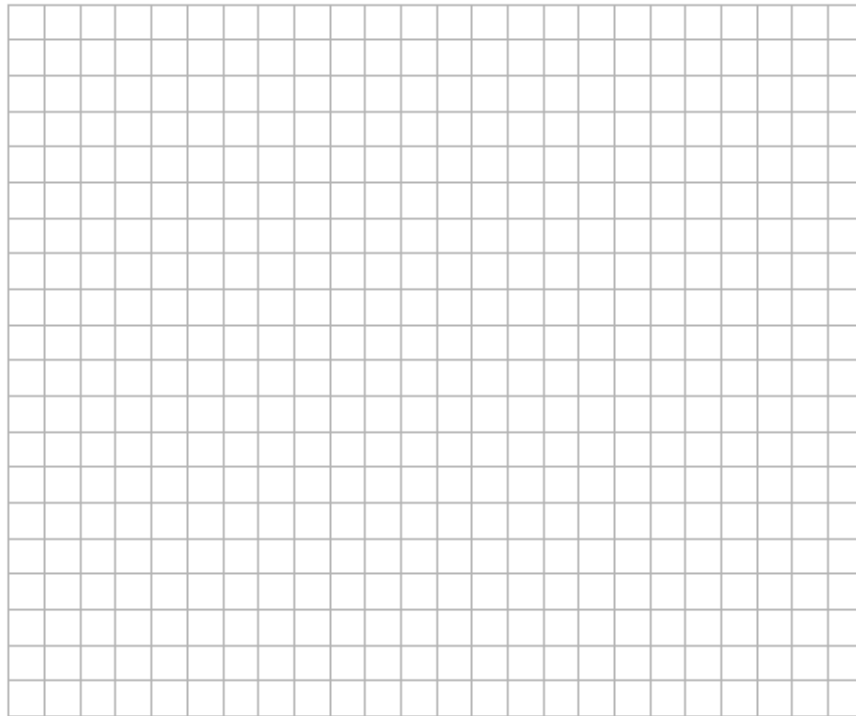
**Maths**  
**Junior Certificate**  
**Ordinary Level**

**Past Exam Questions on**  
**Linear Graphs**

**Q4 Part (b) 2012 Paper 1**

(b)  $f(x) = 2x - 1$ .

(i) Draw a graph of  $f(x)$  in the domain  $-1 \leq x \leq 1$ ,  $x \in \mathbb{R}$ .



(ii) Use your graph to estimate the value of  $x$  when  $f(x) = 0$ .

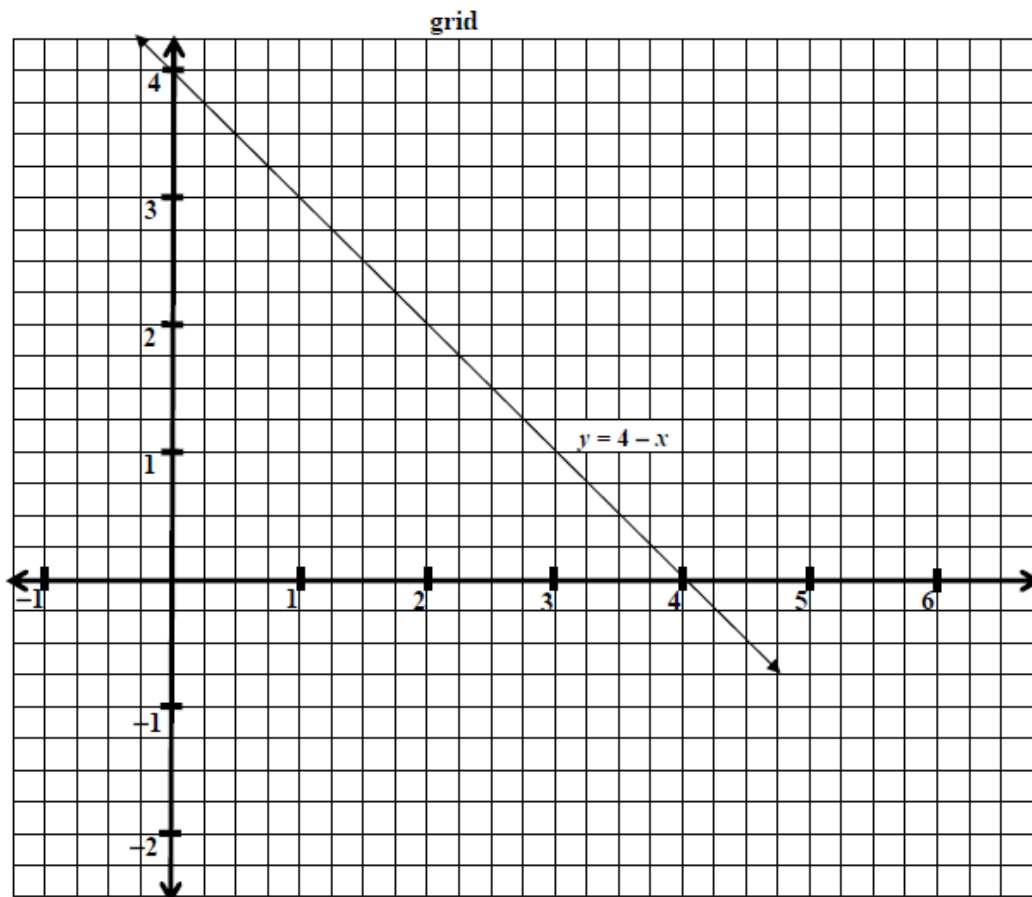
Answer to be written here:

**Q6 Part (c) 2008 Paper 1**


- 6(c) (i) Given that  $y = x + 2$ , complete the table below.

$x$	-1	0	1	2
$y$				

- (ii) On the grid below, the graph of the line  $y = 4 - x$  is drawn. Using your answers from (i), draw the graph of  $y = x + 2$  on the same grid.



- (iii) Use the graphs drawn in 6 (c) (ii) to write down the coordinates of the point of intersection of the two lines  $y = 4 - x$  and  $y = x + 2$ .

 Answer to be written here.

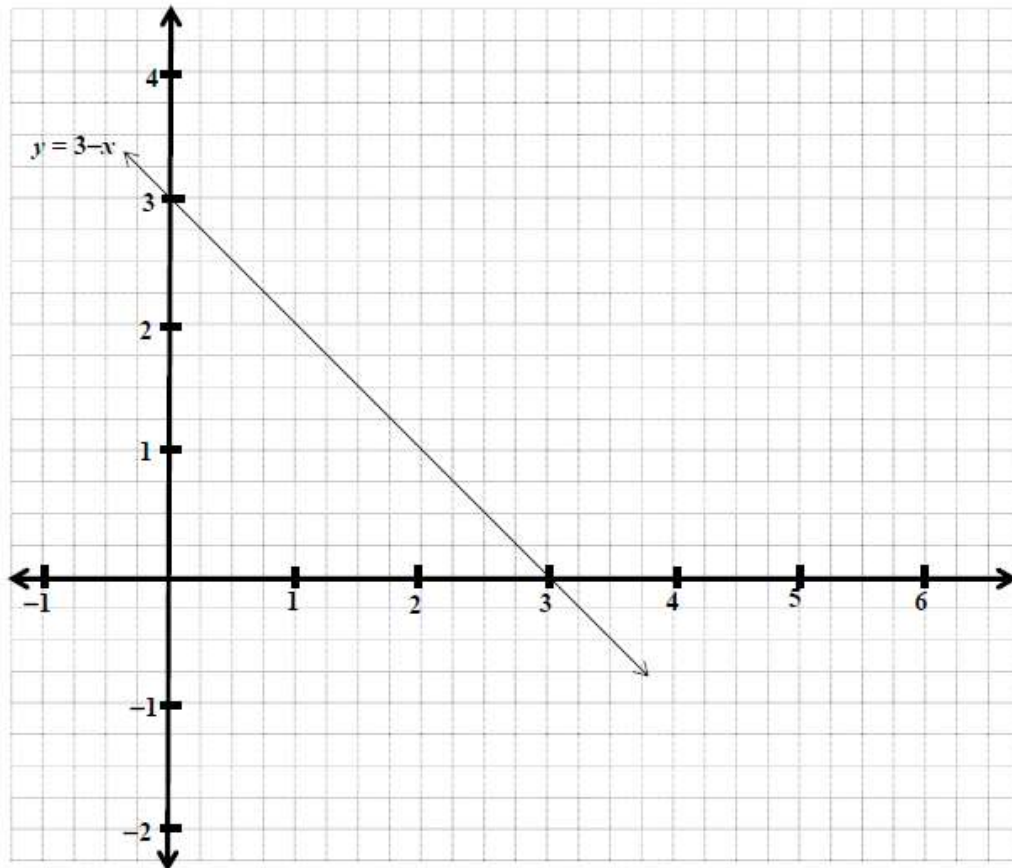
**Q6 Part (c) 2007 Paper 1**

6(c) (i) Given that  $y = x + 1$ , complete the table below.


$x$	0	1	2	3
$y$				

(ii) On the grid below, the graph of the line  $y = 3 - x$  is drawn.  
Using your answers from (i), draw the graph of  $y = x + 1$  on the same grid.

grid



(iii) Use the graphs drawn in 6 (c) (ii) to write down the coordinates of the point of intersection of the two lines  $y = 3 - x$  and  $y = x + 1$ .

 Answer to be written here.