(b) (i) $4y+3\geq 1$

$4y\geq -2$

$y\geq -\frac{1}{2}$

(ii) $y=0$

8) (i) Perimeter = $2x + 6$ cm

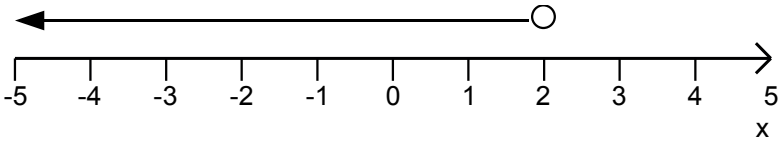
So $11<2x+6<20$

$\Rightarrow 5<2x<14$

(ii) x = 3, 4, 5 or 6

8) (a) (i) $3x < 6 \Rightarrow x < 2$

(ii)



(b) –2, –1 0 1

5) $6 < 2n < 13$

$3 < n < 6.5$

n = 4, 5, or 6 if n is a whole number

8) (a) $-2.5 < n \leq 3$ so n = -2,-1,0,1,2,3

(b) $5+x>5x-11$

(add 11 to each side)

$16+x>5x$

(subtract 4x from each side)

$16>4x$

$4>x$

$x<4$