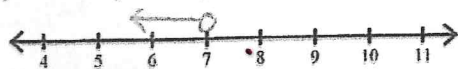


## Solving Multi-Step Inequalities

Solve each inequality and graph its solution.

1)  $84 > 2(7n - 5) - 4$

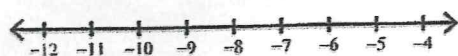


$$14n - 10 - 4$$

$$84 > 14n - 14$$

$$\frac{98}{14} > \frac{14n}{14} \quad (7 > n)$$

3)  $188 \geq 4(5 - 6x)$



2)  $483 > 7(5 - 8r)$



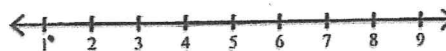
4)  $-5(-7n - 2) \leq 255$



5)  $265 < -6(-8 - 6v) + 1$



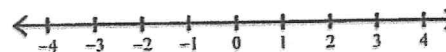
6)  $8(1 + 6x) + 5 < 205$



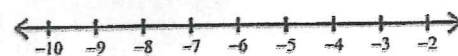
7)  $7(x + 4) > 84$



8)  $8(6n + 5) + 8n \leq 96$



9)  $-8a - 2(3 + 3a) > 92$



10)  $-2(4x + 3) - 4x \leq 90$

