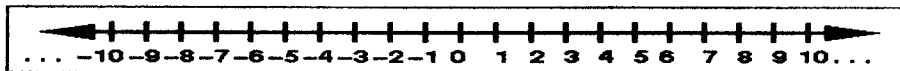


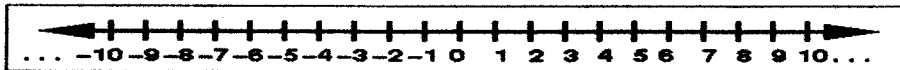
The Graph of a Linear Inequality

1. Solve the following and graph on the provided number line.

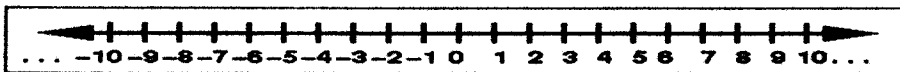
a) $y + 9 < 11$



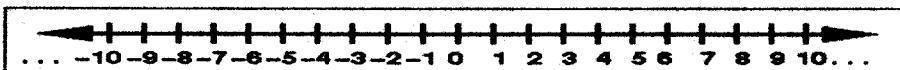
b) $2w + 5 > 3$



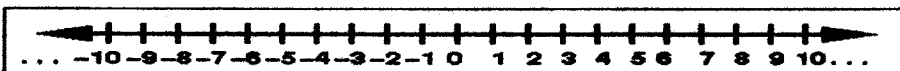
c) $3x - 4 \geq 5$



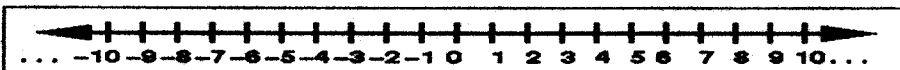
d) $2z + 9 \leq 3$



e) $-3x < 6$

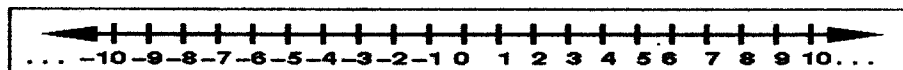


f) $4t > 3t - 4$

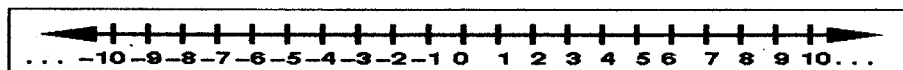


2. Solve the following and graph on the provided number line.

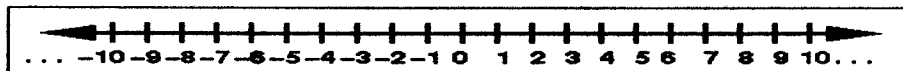
a) $2x + 1 > 2$



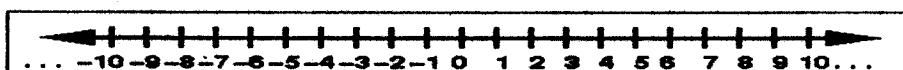
b) $3x + 4 < 2$



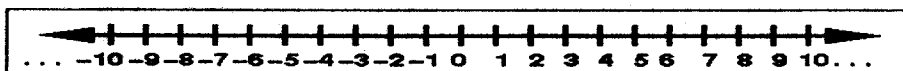
c) $6y + 4 \leq 5y + 3$



d) $4z - 3 \geq 3z + 2$



e) $7 + 3x < 2x + 9$

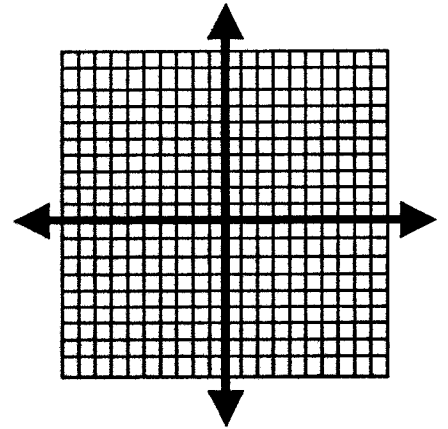
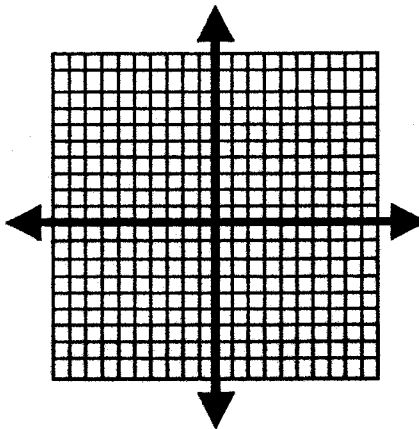
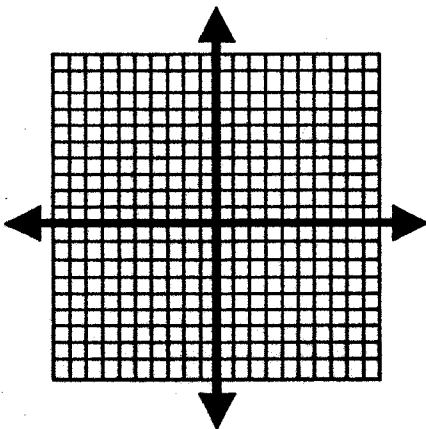


Solve the following and graph the solution on the following coordinate plane.

a) $6 - 2x \leq 4$

b) $8 - 3x < 5$

c) $6x + 2 \leq 4x + 8$



d) $2x + 1 > 2$

e) $3x + 4 \leq 2$

f) $3(2x - 1) \geq 2(1 + x)$

