

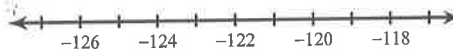
Solving Inequalities

Solve each inequality and graph its solution.

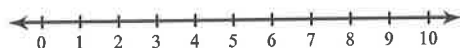
1) $\frac{x}{4} \leq 12$



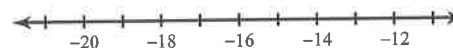
2) $-10 < \frac{x}{12}$



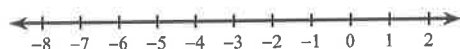
3) $-14m > -28$



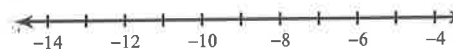
4) $5x < -80$



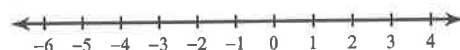
5) $104 \geq 8(1 - 2b)$



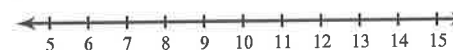
6) $-212 > -4(-3 - 7b)$



7) $-133 < -7(1 - 6b)$



8) $-217 \leq -7(5a - 4)$



Solve the inequality for y. (Put in slope intercept form)

9) $x + 2y < -8$

10) $x + 2y \leq -6$

11) $x - 2y \geq 4$

12) $x + 3y \geq -3$

13) $x + 5y > -15$

14) $4x + 5y > -5$