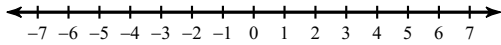


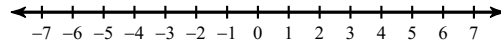
## Extra Credit: Inequalities

Draw a graph for each inequality.

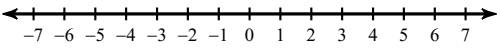
1)  $-3 \geq x$



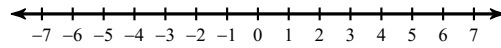
2)  $-1 \geq b$



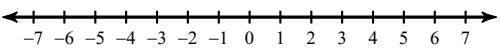
3)  $0 < x$



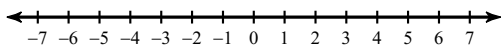
4)  $a < -6$



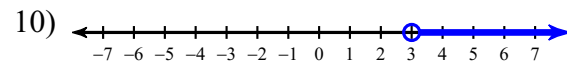
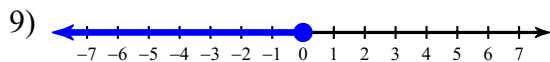
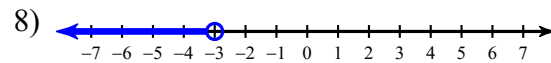
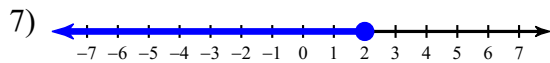
5)  $x \geq 4$



6)  $b \geq 2$

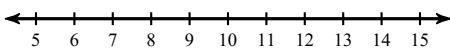


Write an inequality for each graph.

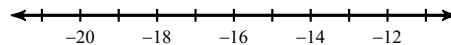


Solve each inequality and graph its solution.

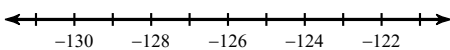
11)  $23 \leq 12 + n$



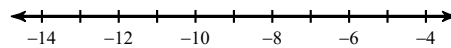
12)  $\frac{x}{5} \leq -3$



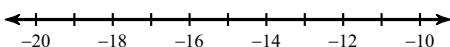
13)  $-8 \leq \frac{m}{16}$



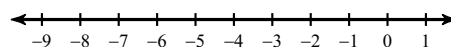
14)  $16 + n < 5$



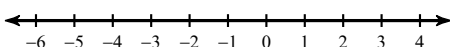
15)  $3 < n + 19$



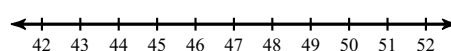
16)  $-20 > m + (-15)$



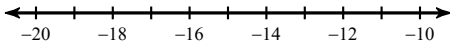
17)  $7.696 < x - (-12)$



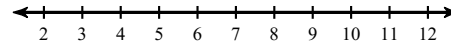
18)  $5 > \frac{n}{9.9}$



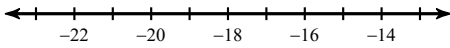
19)  $8.6p > -129$



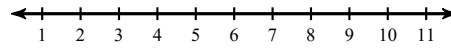
20)  $11.1 + r \leq 18.6$



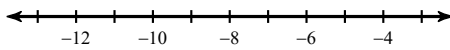
21)  $\frac{m}{-3} - 10 \leq -5$



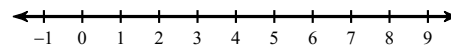
22)  $\frac{k}{8} - 8 \geq -7$



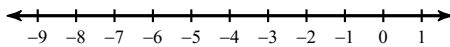
23)  $\frac{n}{-3} + 6 \geq 8$



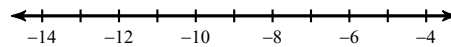
24)  $\frac{v}{3} - 8 \leq -6$



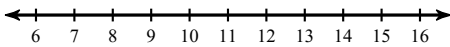
25)  $-8(3 + x) \geq 24$



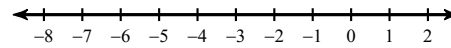
26)  $\frac{x}{-3} + 3 < 6$



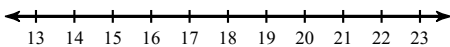
27)  $6.9v + 7.9 \geq 83.8$



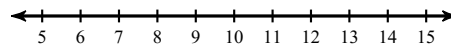
28)  $\frac{-8.4 + a}{5.6} \leq -2.25$



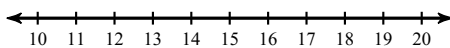
29)  $4.2(2.6 + n) > 75.6$



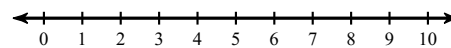
30)  $3.5 + \frac{x}{-10} < 2.44$



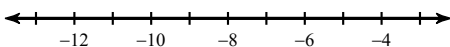
31)  $-k + k \geq 0$



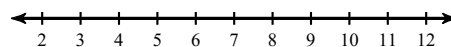
32)  $13 \geq b + 3 + 4$



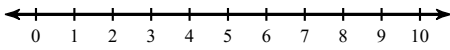
33)  $4n - 2n \geq -14$



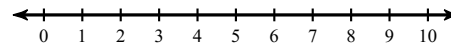
34)  $b + 3 + 5 \geq 13$



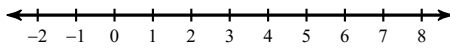
35)  $16 \leq b + 8 + 3$



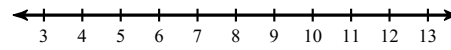
36)  $-4 < -5x + 3x$



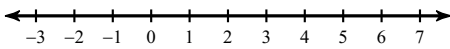
37)  $-7.7b - 2.8b \geq -12.6$



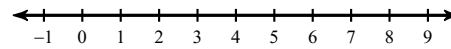
38)  $0 \geq -0.4x + 0.4x$



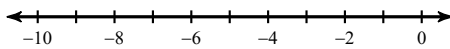
39)  $103 < 3(1 + 5x) + 5x$



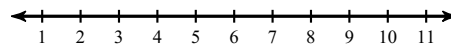
40)  $-5(7n + 3) \geq -225$



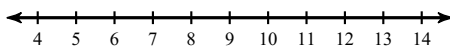
41)  $5(4n - 1) < -105$



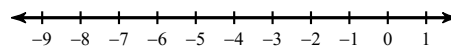
42)  $4(6v - 5) \geq 172$



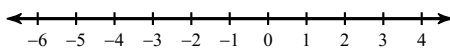
43)  $196 > 4(7 + 6x)$



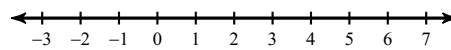
44)  $-7(5 - 3k) > -140$



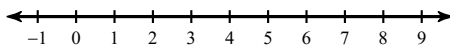
45)  $-8(-5 + 5n) > 120$



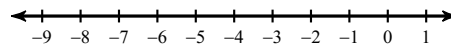
46)  $139 \leq -5(8 - 7x) + 4$



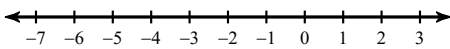
47)  $4 - 2p > p - 8$



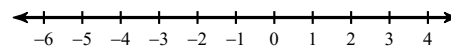
48)  $13 + 2x \geq x + 8$



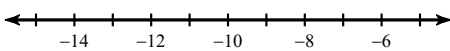
49)  $1 - 4p \leq -8p - 1 + 6p$



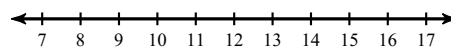
50)  $12 - 7a - a < -8a - 3a$



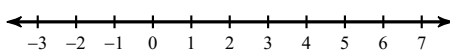
51)  $4 + b \leq 2b + 12$



52)  $4 - 8x - 7 > -3 - 8x$



53)  $-7 + k - 6k > 8k - 7$



54)  $8n - 7 - 1 < 6n + 4$

