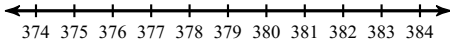


Inequalities homework

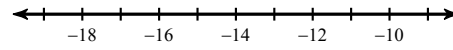
Date _____ Period _____

Solve each inequality and graph its solution.

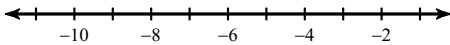
1) $19 \leq \frac{p}{20}$



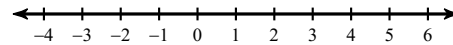
2) $-24 \geq -11 + n$



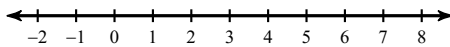
3) $12 \geq -4x + 2x$



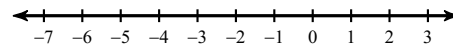
4) $8 - 4m > 2(1 - 2m)$



5) $-6(m + 8) - 6(m - 8) > 10m - 11 + 2m + 11$

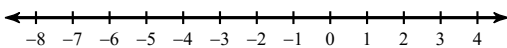


6) $-11k - 2(12 + 11k) < -6(6k + 6)$

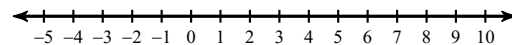


Solve each compound inequality and graph its solution.

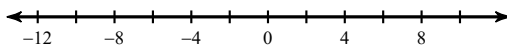
7) $-10 \leq p - 5 < -3$



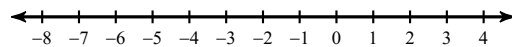
8) $9v \geq 63$ or $\frac{v}{5} < 0$



9) $9 + 5x < -31$ or $6x + 8 \geq 44$

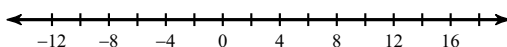


10) $35 > -9x - 10 \geq 8$

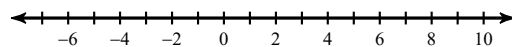


Solve each inequality and graph its solution.

11) $|6 - 3a| > 33$



12) $|8n - 4| \leq 52$

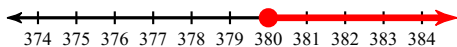


Inequalities homework

Date _____ Period _____

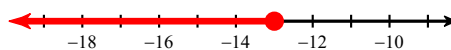
Solve each inequality and graph its solution.

1) $19 \leq \frac{p}{20}$



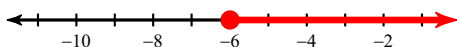
$p \geq 380$

2) $-24 \geq -11 + n$



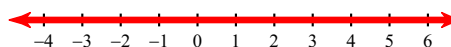
$n \leq -13$

3) $12 \geq -4x + 2x$



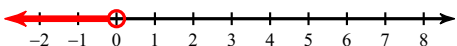
$x \geq -6$

4) $8 - 4m > 2(1 - 2m)$



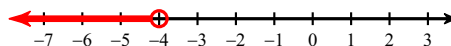
$\{ \text{All real numbers.} \}$

5) $-6(m + 8) - 6(m - 8) > 10m - 11 + 2m + 11$



$m < 0$

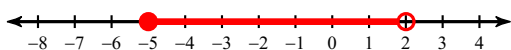
6) $-11k - 2(12 + 11k) < -6(6k + 6)$



$k < -4$

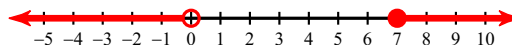
Solve each compound inequality and graph its solution.

7) $-10 \leq p - 5 < -3$



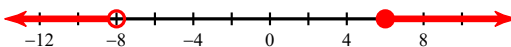
$-5 \leq p < 2$

8) $9v \geq 63$ or $\frac{v}{5} < 0$



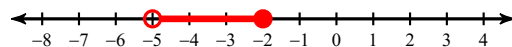
$v \geq 7$ or $v < 0$

9) $9 + 5x < -31$ or $6x + 8 \geq 44$



$x < -8$ or $x \geq 6$

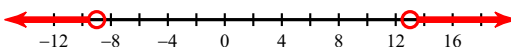
10) $35 > -9x - 10 \geq 8$



$-5 < x \leq -2$

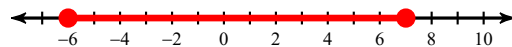
Solve each inequality and graph its solution.

11) $|6 - 3a| > 33$



$a < -9$ or $a > 13$

12) $|8n - 4| \leq 52$



$-6 \leq n \leq 7$