Linear Inequality Homework

Name_____

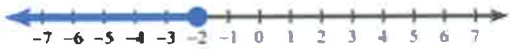
Assigned 1/10/2020 Due 1/13/2020

Class Period_____

You MUST show ALL work to receive credit.

1) Write the inequality for the graph shown:

2) Write the inequality for the graph shown:

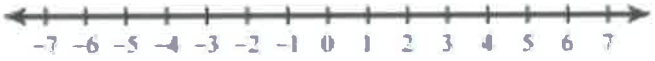


3) Draw a graph for the given inequality:

$-p \geq 5$

4) Draw a graph for the given inequality:

$-5 < -n$



5) Solve the given inequality and graph the solution set:

$3x \leq -18$

6) Solve the given inequality and graph the solution set:

$5x \geq -10$

7) Solve the given inequality and graph the solution set:

$-17x - 3 \leq 13 - x$

8) Solve the given inequality and graph the solution set:

$8 - 2x > -8 - x$

9) Solve

$25 + r = -5(2 + 8r) + 6r$

10) Solve

$-28x + 6 = -3(1 + 7x) - 7x$