

Name: _____ Period: _____ Date: _____

LINEAR INEQUALITIES Exit Quiz

Express the following intervals as sets

1. $(2, 10)$

2. $(-\infty, 3]$

3. $[1, 7)$

Express the following sets as intervals

4. $\{x | x \in R, 4 \leq x \leq 8\}$

5. $\{x | x \in R, x > -2\}$

Solve the following inequalities and graph its solution

6. $4x + 6 \leq 2x + 10$

7. $2(x - 4) < x - 3$