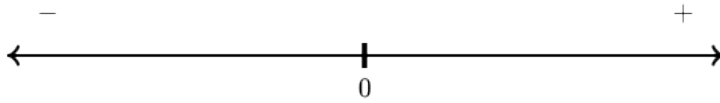


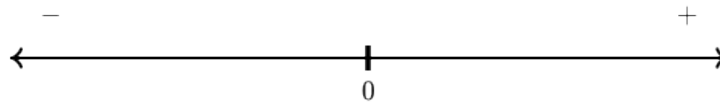
# MATH 0372 – LINEAR INEQUALITIES

Instructions: Solve each of the following inequalities. Graph your solution set on the number line.

1.  $\frac{1}{3}x > 4$



2.  $-7x \geq 35$



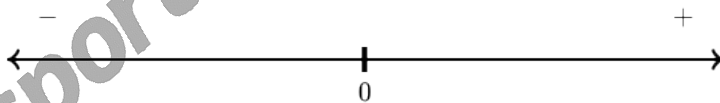
3.  $\frac{-2}{3}x < -8$



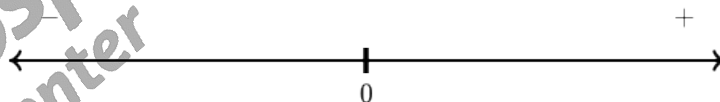
4.  $-20 \geq 4x$



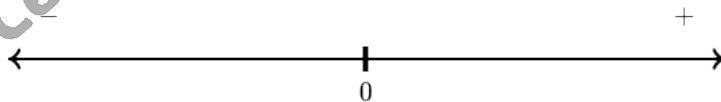
5.  $-2x - 5 \leq 15$



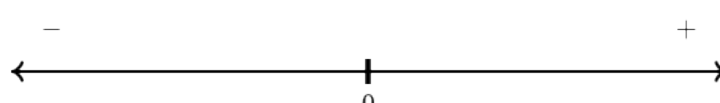
6.  $-20 > 50 - 30y$



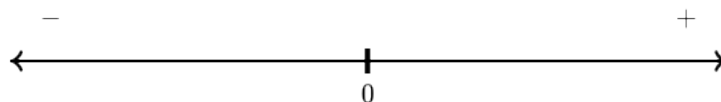
7.  $2(3y + 1) \leq -10$



8.  $3(2y - 4) > 0$



9.  $\frac{3}{4}x - 2 > 7$



## MATH 0372 – LINEAR INEQUALITIES

1. $x > 12$	2. $x \leq -5$	3. $x > 12$
4. $-5 \geq x$	5. $x \geq -10$	6. $y > 7/3$
7. $y \leq -2$	8. $y > 2$	9. $x > 12$

