

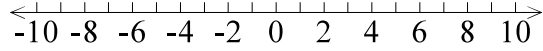
Graphing Inequalities

Name: _____

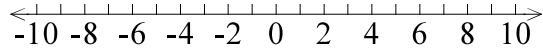
Date: _____

Directions: Graph the following inequalities.

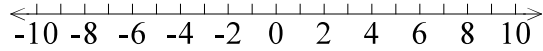
1. $f > 7$



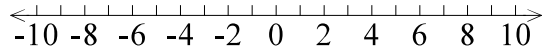
2. $m < 4$



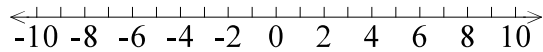
3. $a \geq -1$



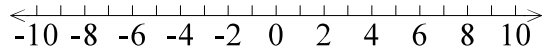
4. $z \leq 5$



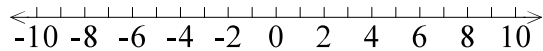
5. $6 \geq p$



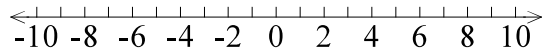
6. $c > -4$



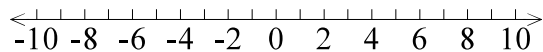
7. $k < -2$



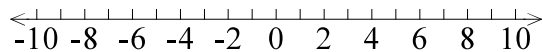
8. $x \geq 0$



9. $y < 9$



10. $-7 \leq q$

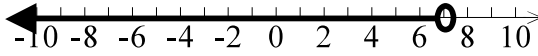


Writing Inequalities

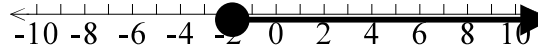
Name _____
Date _____

Directions: Write the inequalities which represent the given graph.

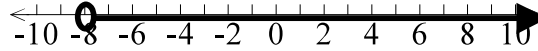
1. _____



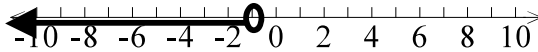
2. _____



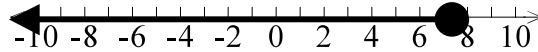
3. _____



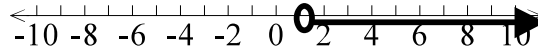
4. _____



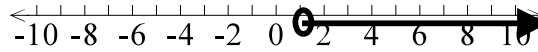
5. _____



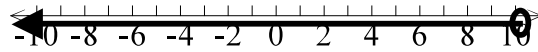
6. _____



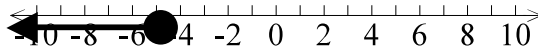
7. _____



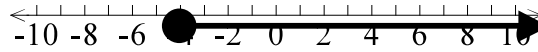
8. _____



9. _____



10. _____

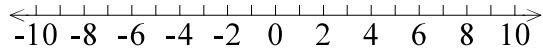


Graphing and Writing Inequalities
Exit Ticket

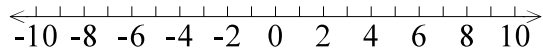
Name: _____
Date: _____

Graph the inequality.

1. $k \geq 2$

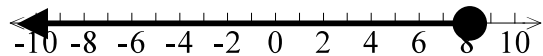


2. $4 > s$



Write the inequality represented by the graph given.

3. _____

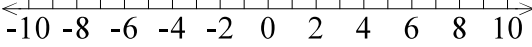
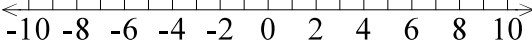
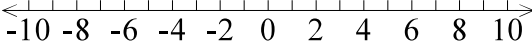
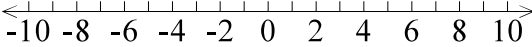
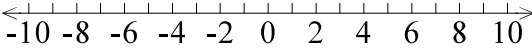
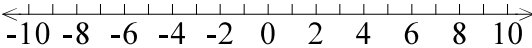
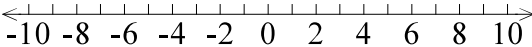
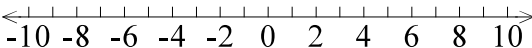
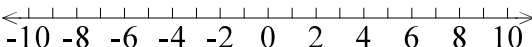
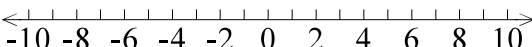


Student Application 1a: Graphing Inequalities

Name: _____

Date: _____

Directions: Solve and graph the following inequalities.

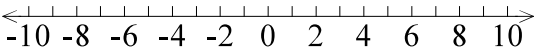
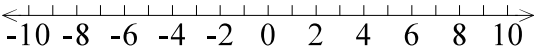
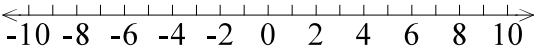
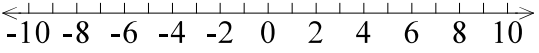
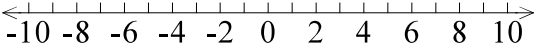
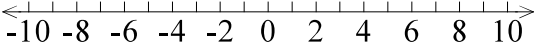
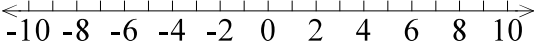
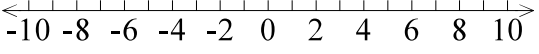
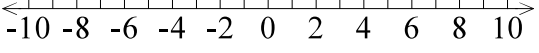
1. $y - 3 \leq -10$	
2. $n + 4 \geq 9$	
3. $8d < 24$	
4. $17 + r > 20$	
5. $c - 12 \geq -13$	
6. $5a < 20$	
7. $-63 + w \geq -70$	
8. $\frac{1}{3}q < 2$	
9. $11a < 44$	
10. $14 + r > 20$	

Lesson 3: Graphing Inequalities

Name: _____

Date: _____

Directions: Solve and graph the following inequalities.

1. $-4a < 40$	
2. $4a < -40$	
3. $-4a < -40$	
4. $-3a > 15$	
5. $3a > -15$	
6. $-3a > -15$	
7. $-\frac{1}{2}p \geq 4$	
8. $\frac{1}{2}p \geq -4$	
9. $-\frac{1}{2}p \geq -4$	

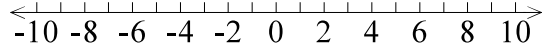
Solving Inequalities with Multiple Operations

Name: _____

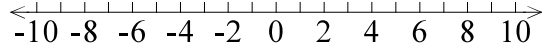
Date: _____

Directions: Solve each two-step inequality and graph the solution.

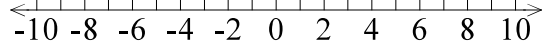
1. $6a - 3 > 21$



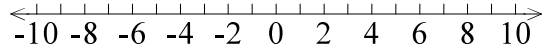
2. $5 > 4m - 7$



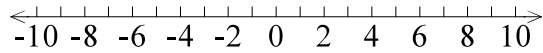
3. $-2x - 10 \geq 4$



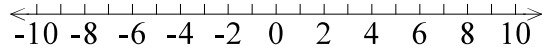
4. $-15 > -3x - 45$



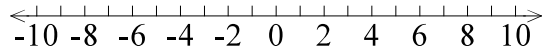
5. $-\frac{t}{3} + 1 \leq 3$



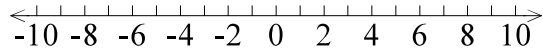
6. $-9n + 1 > 91$



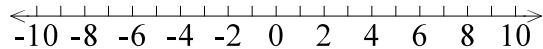
7. $9 \leq 6y - 15$



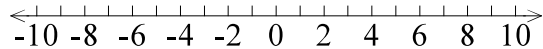
8. $2 \geq 2x - 8$



9. $6e + 1 < 4$



10. $-14 + 2x > -8$



Translating Verbal Inequalities

Name _____
Date _____

Write each verbal expression as an inequality. Then solve the equation.

1. A number decreased by 7 is at most 13.
2. A number plus 6 is greater than 1.
3. A sum of a number and 14 is at least 28.
4. A number decreased by 5 is less than 32.
5. Twenty is no greater than the sum of a number and -4 .
6. Twice a number is more than the sum of that number and 8.
7. Which statement is modeled by $y + 6 \geq 5$?
 - A. The sum of a number and six is at least five.
 - B. The sum of a number and six is greater than five.
 - C. The sum of a number and six is at most five.
 - D. The sum of a number and six is no greater than 5.