

3.6 Homework #2

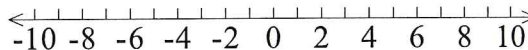
Graphing Inequalities

Name: _____

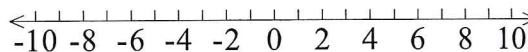
Date: _____

Directions: Graph the following inequalities.

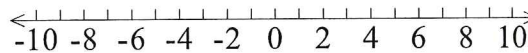
1. $f > 7$



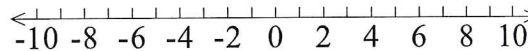
2. $m < 4$



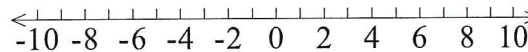
3. $a \geq -1$



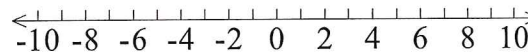
4. $z \leq 5$



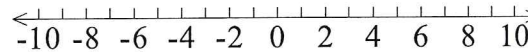
5. $6 \geq p$



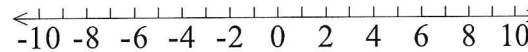
6. $c > -4$



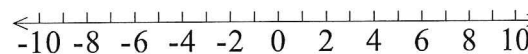
7. $k < -2$



8. $x \geq 0$



9. $y < 9$



10. $-7 \leq q$

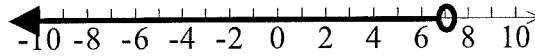


Writing Inequalities

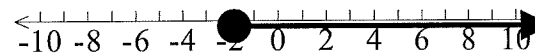
Name _____
Date _____

Directions: Write the inequalities which represent the given graph.

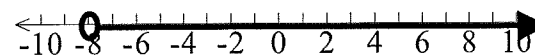
1. _____



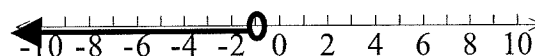
2. _____



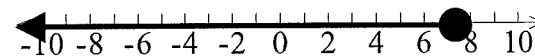
3. _____



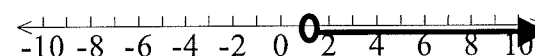
4. _____



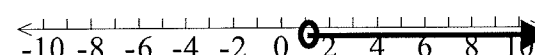
5. _____



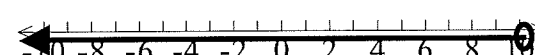
6. _____



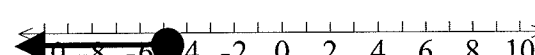
7. _____



8. _____



9. _____



10. _____

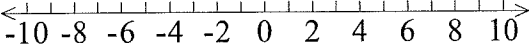
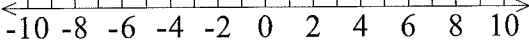
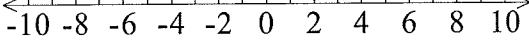
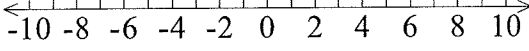
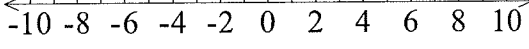
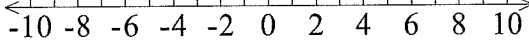
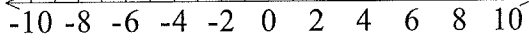
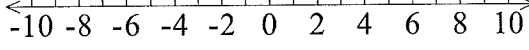
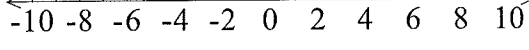
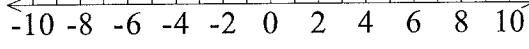


Student Application 1a: Graphing Inequalities

Name: _____

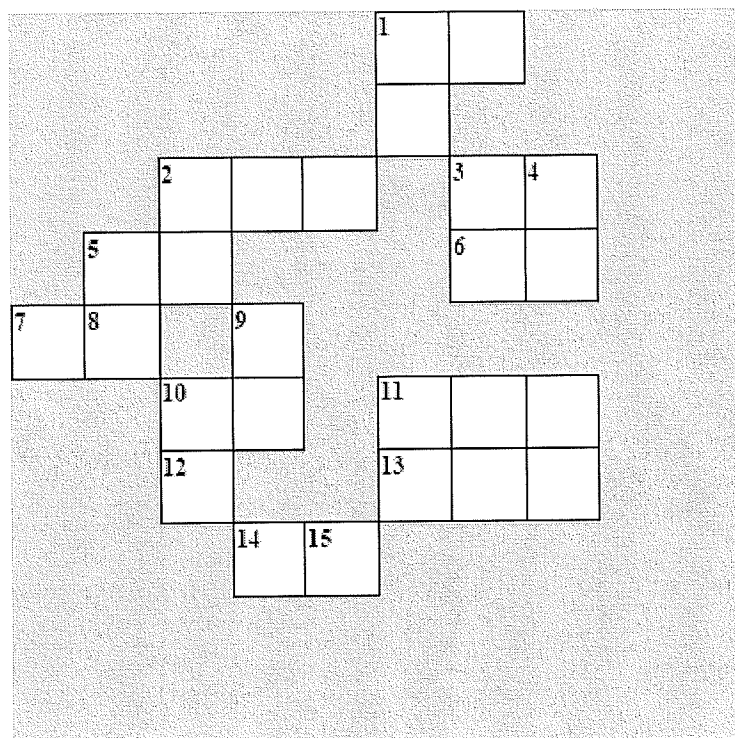
Date: _____

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. $14 + r > 20$	

Inequalities

Complete the crossword puzzle.



Across

- 1 $100 - x < 41$
- 2 $x + 9 < 120$
- 3 $x + 4 < 20$
- 6 $x - 4 > 20$
- 7 $\frac{2}{5}x < 18$
- 8 $2x > 10$
- 10 $x - 5 < 5$
- 11 $x - 45 > 189$
- 12 $x + 8 < 15$
- 13 $x + 1 < 210$
- 14 $3x > 99$

Down

- 1 $2x < 100$
- 2 $\frac{1}{2}m < 7$
- 3 $2x < 24$
- 4 $\frac{x}{8} > 8$
- 5 $33 + x < 88$
- 9 $5x > 100$
- 10 $20 < x + 3$
- 11 $x + 6 < 28$
- 15 $8d < 24$