

INEQUALITIES WS#1

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.

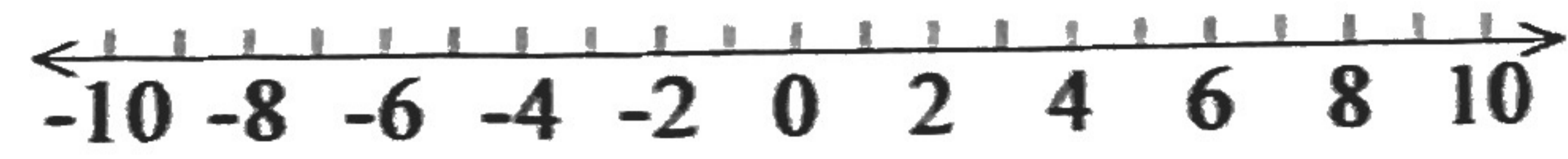
Graphing Inequalities

Name: _____

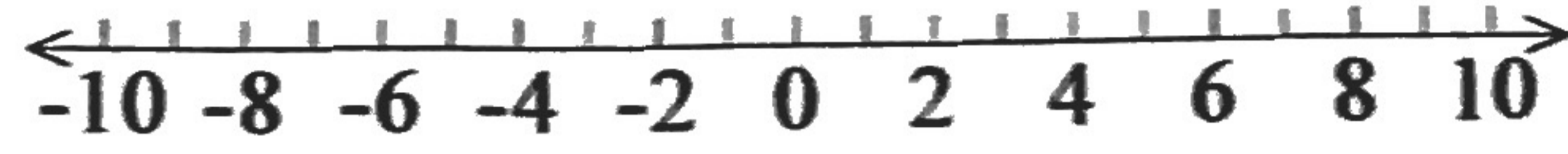
Date: _____

Directions: Graph the following inequalities.

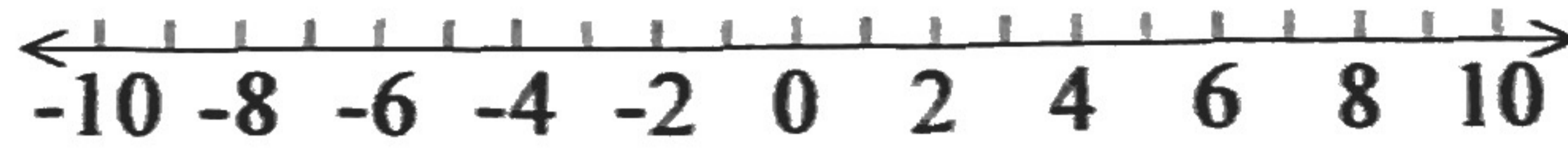
1. $f > 7$



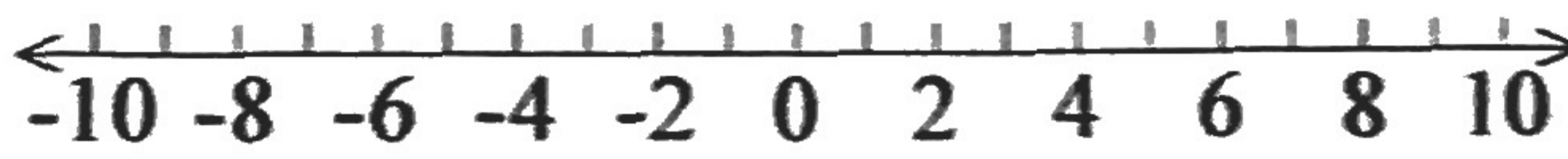
2. $m < 4$



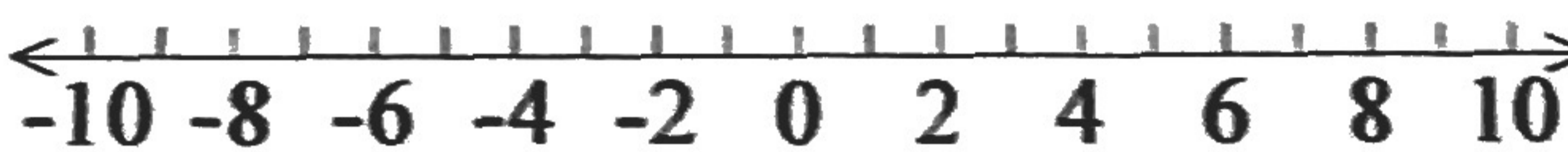
3. $a \geq -1$



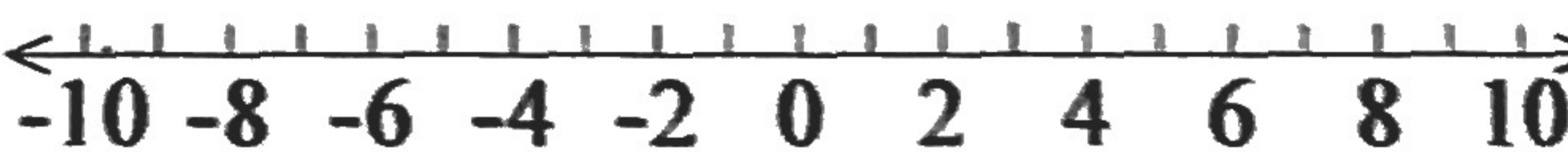
4. $z \leq 5$



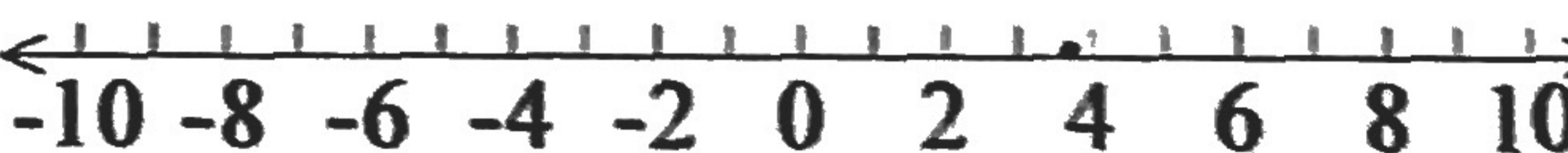
5. $6 \geq p$



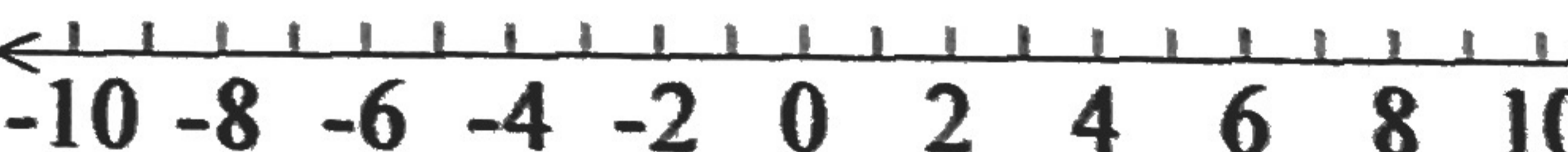
6. $c > -4$



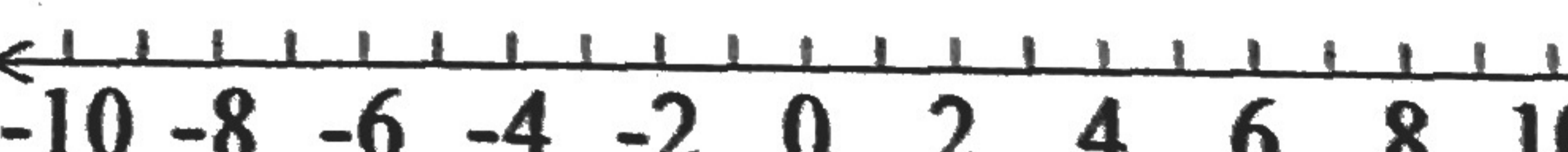
7. $k < -2$



8. $x \geq 0$



9. $y < 9$



10. $-7 \leq q$

