

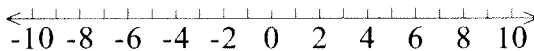
Solving Inequalities with Multiple Operations

Name: _____

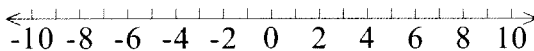
Date: _____

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

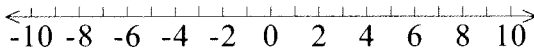
1. $6a - 3 > 21$



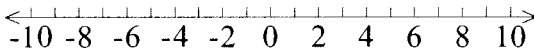
2. $5 > 4m - 7$



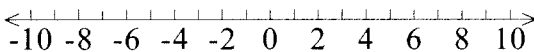
3. $-2x - 10 \geq 4$



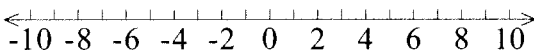
4. $-15 > -3x - 45$



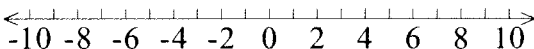
5. $-\frac{t}{3} + 1 \leq 3$



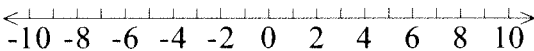
6. $-9n + 1 > 91$



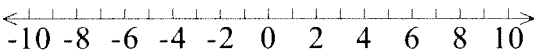
7. $9 \leq 6y - 15$



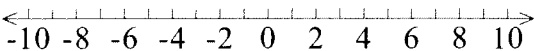
8. $2 \geq 2x - 8$



9. $6e + 1 < 4$



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



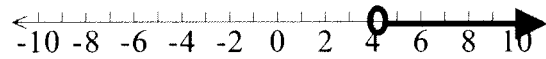
Solving Inequalities with Multiple Operations

Name: ANSWER KEY

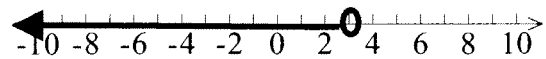
Date: _____

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

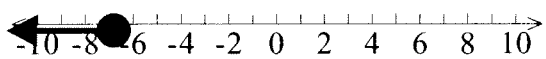
1. $6a - 3 > 21$
 Answer: $a > 4$



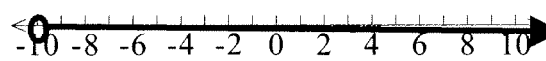
2. $5 > 4m - 7$
 Answer: $m < 3$



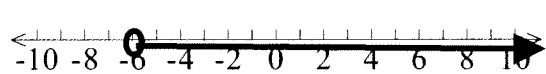
3. $-2x - 10 \geq 4$
 Answer: $x \leq -7$



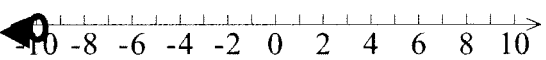
4. $-15 > -3x - 45$
 Answer: $x \geq -10$



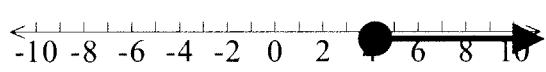
5. $-\frac{t}{3} + 1 \leq 3$
 Answer: $t \geq -6$



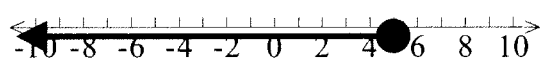
6. $-9n + 1 > 91$
 Answer: $n < -10$



7. $9 \leq 6y - 15$
 Answer: $y \geq 4$



8. $2 \geq 2x - 8$
 Answer: $x \leq 5$



9. $6e + 1 < 4$
 Answer: $e < 0.5$



10. $-14 + 2x > -8$
 Answer: $x > 3$

