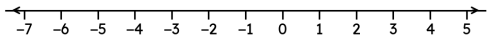
Name: _____ Date: _____

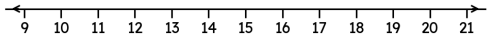
Fresh Math

Algebra 1 - Unit 3 - One-Step Inequalities (Challenge)

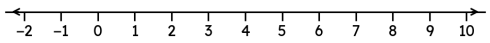
1. $3x + 3 > 6x + 6$



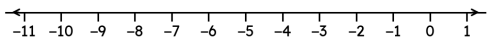
2. $-7x - 12 \leq -4x - 57$



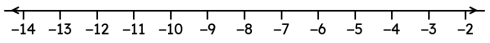
3. $4x + 4 < 3x + 8$



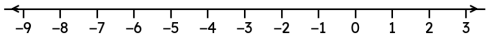
4. $6x + 9 < -2x - 31$



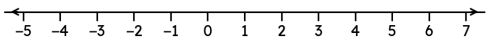
5. $-7x + 9 < 5x + 105$



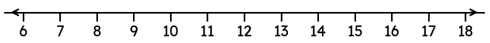
6. $-5x + 0 > x + 18$



7. $-4x - 4 \geq 5x - 13$

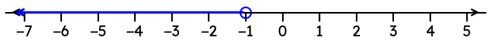


8. $-1x - 3 > 7x - 99$



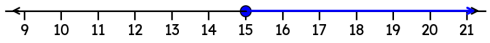
Algebra 1 - Unit 3 - One-Step Inequalities (Challenge) - Answer Key

1. $3x + 3 > 6x + 6$



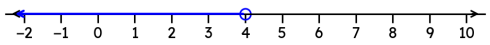
$x < -1$

2. $-7x - 12 \leq -4x - 57$



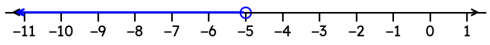
$x \geq 15$

3. $4x + 4 < 3x + 8$



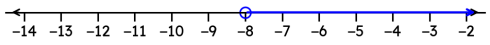
$x < 4$

4. $6x + 9 < -2x - 31$



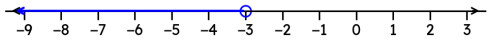
$x < -5$

5. $-7x + 9 < 5x + 105$



$x > -8$

6. $-5x + 0 > x + 18$

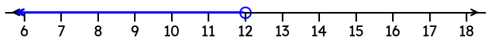


$x < -3$

7. $-4x - 4 \geq 5x - 13$

$x \leq 1$

8. $-1x - 3 > 7x - 99$



$x < 12$