



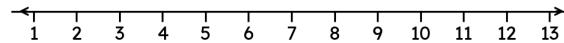
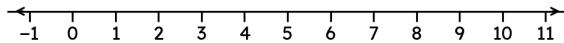
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Algebra 1 – Unit 3 – One-Step Inequalities (Challenge)

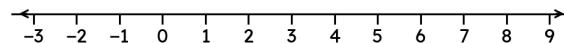
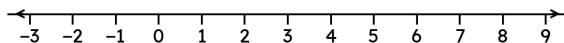
1. $-1x + 6 \leq -4x + 21$

2. $-2x - 11 > 7x - 74$



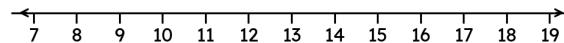
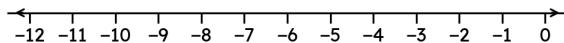
3. $8x + 10 > -5x + 49$

4. $-1x + 4 \geq -2x + 7$



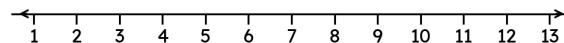
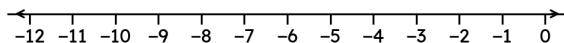
5. $-7x + 3 \geq -6x + 9$

6. $-6x - 9 < -7x + 4$



7. $-5x + 0 > -3x + 12$

8. $8x - 5 \geq -5x + 86$





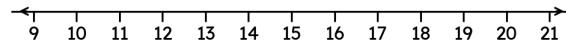
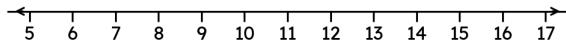
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Algebra 1 – Unit 3 – One-Step Inequalities (Challenge)

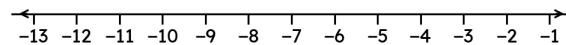
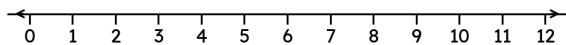
9. $-1x + 7 > -5x + 51$

10. $-1x + 9 > -2x + 24$



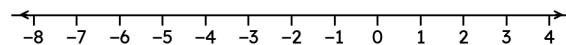
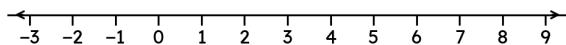
11. $-2x - 2 > -3x + 4$

12. $-5x - 6 \geq -7x - 20$



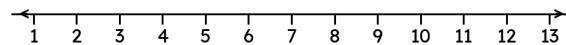
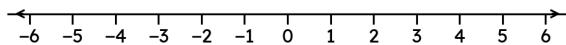
13. $-6x - 7 > -8x - 1$

14. $-2x + 8 \geq -4x + 4$



15. $-2x + 3 \leq -5x + 3$

16. $5x + 6 \geq 3x + 20$





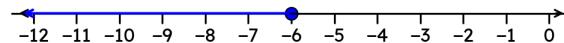
Algebra 1 – Unit 3 – One-Step Inequalities (Challenge) – Answer Key

1. $-1x + 6 \leq -4x + 21$



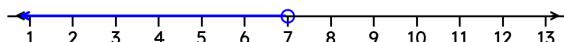
$x \leq 5$

5. $-7x + 3 \geq -6x + 9$



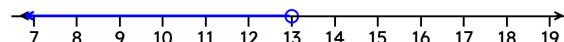
$x \leq -6$

2. $-2x - 11 > 7x - 74$



$x < 7$

6. $-6x - 9 < -7x + 4$



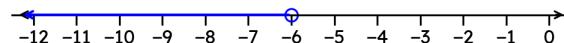
$x < 13$

3. $8x + 10 > -5x + 49$



$x > 3$

7. $-5x + 0 > -3x + 12$



$x < -6$

4. $-1x + 4 \geq -2x + 7$



$x \geq 3$

8. $8x - 5 \geq -5x + 86$

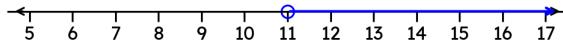


$x \geq 7$



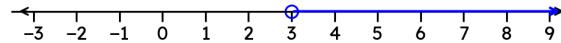
Algebra 1 – Unit 3 – One-Step Inequalities (Challenge) – Answer Key

9. $-1x + 7 > -5x + 51$



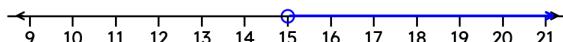
$x > 11$

13. $-6x - 7 > -8x - 1$



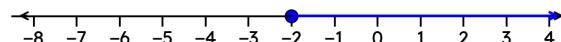
$x > 3$

10. $-1x + 9 > -2x + 24$



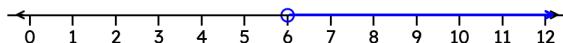
$x > 15$

14. $-2x + 8 \geq -4x + 4$



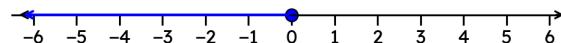
$x \geq -2$

11. $-2x - 2 > -3x + 4$



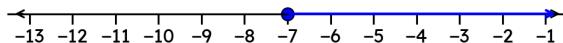
$x > 6$

15. $-2x + 3 \leq -5x + 3$



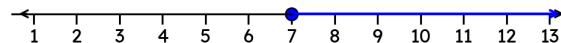
$x \leq 0$

12. $-5x - 6 \geq -7x - 20$



$x \geq -7$

16. $5x + 6 \geq 3x + 20$



$x \geq 7$