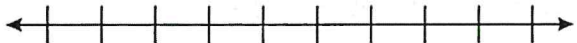

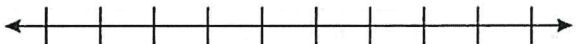

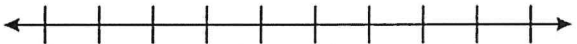
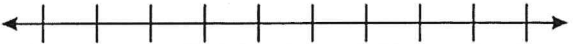

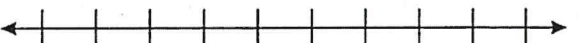




Solving Multi Step Linear Inequalities – Day 3

Unit 2: Equations and Inequalities

Solve each equation:

| | |
|---|--|
| 1. $-1 - 2b - 3b > -6$  | 2. $5 > -3n + 8n$  |
| 3. $-5x - 15 > 1 - 8x - 5x$  | 4. $x - 7 \geq 2 + 1 + x + 2x$  |
| 5. $-3 - 2(-8 - 8n) > 93$  | 6. $-6(x + 7) > -84$  |
| 7. $-196 \geq -4(4 + 7r) - 2r$  | 8. $-100 \leq 5(1 - 7k)$  |
| 9. $16 - 8x > 8(-2x - 3)$  | 10. $-8(4r - 8) + 2r < -28 - 7r$  |

$$11. -5 + 4a \leq 7 - 4(a - 1)$$



$$12. 4(1 - 4m) > 31 - 7m$$



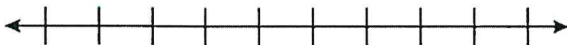
$$13. -6(2 - 8v) + 5(1 - 2v) \leq 31$$



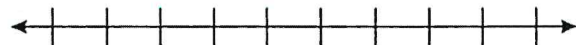
$$14. 3(2 + 8x) + 8(3 - 3x) \geq 6$$



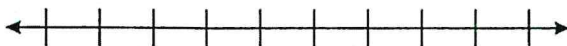
$$15. -4(2k + 8) - 5(1 - 6k) > 7$$



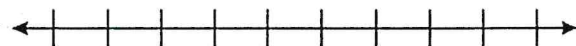
$$16. 3(3k - 2) - 6(k + 2) \leq -6$$



$$17. 5x - 2x \geq 4(x + 4) - 6(x + 1)$$



$$18. -3(2 - 3x) > -3(1 - 3x) - 3$$



$$19. -(7n - 4) \leq -8(n - 1)$$



$$20. x - 6 - 2 \geq 7(1 + 4x) + 3(2x - 5)$$

