**Course 2 Unit 8: Inequalities Review Name:**

**Write the inequality in words.**

1. a > 54

2. b < 2.3

3. c ≥ 4.56

4. d ≤ 8

5. e ≠ 10

**Graph the inequality.**

6. f < -4

7. g > 8.9 

8. h ≤ -4.5 

9. i ≥ 

10. j <- 

11. k > 4 

12. l ≤ -8 

13. m 5 

**Solve the inequality and then graph the solution.**

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| **Inequality** | **Solution** | **Graph** |
| 14. n + 19 > 54 |  |  |
| 15. p + 12.9 < 91 |  |  |
| 16. q + ≤ 4 |  |  |
| 17. r – 87 ≥ 101 |  |  |
| 18. s - < 7 |  |  |
| 19. t – 4.06 > 9.4 |  |  |
| 20. 12u ≥ 156 |  |  |
| 21. 2.4v ≤ 0.72 |  |  |
| 22. w < |  |  |
| 23. ≤ 19 |  |  |
| 24. > 5.2 |  |  |
| 25. ≥ |  |  |

**Write, solve, and graph the inequality.**

26. The sum of a number x and 28 is less than or equal to 215.

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| Inequality | Solution | Graph |

27. The quotient of a number j and 15 is greater than 2.

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| Inequality | Solution | Graph |

28. The difference of a number k and 23.7 is less than 59.

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| Inequality | Solution | Graph |

29. The product of a number r and 16 is greater than or equal to 62.

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| Inequality | Solution | Graph |

30. Half a number u is less than or equal to 105.

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| Inequality | Solution | Graph |