**Course 1 Unit 8: Inequalities Review Name:**

**Write the inequality in words.**

1. n > 7

2. n≤ 8

3. n< 7

4. n≥8

5. n ≠ 5

**Graph the inequality**.

6. n < 3

7. n > 3 

8. n ≤ 3 

9. n≥ 3 

10. n < -3 

11. n > -3 

12. n ≤ -3 

13. n≥ -3 

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

|  |  |  |
| --- | --- | --- |
| Inequality | Solution | Graph |
| 14. x + 6 < 24 |  |  |
| 15. y + 3.9 ≥ 15 |  |  |
| 16. z + $\frac{1}{8}$ ≤ $\frac{3}{4}$ |  |  |
| 17. x – 7 > 23 |  |  |
| 18. y – 4.8 < 9.8 |  |  |
| 19. z - $\frac{1}{2}$ ≤ $\frac{2}{5}$ |  |  |
| 20. 10x ≥ 140 |  |  |
| 21. 5y < 12.5 |  |  |
| 22. 6z ≤ $\frac{9}{10}$ |  |  |
| 23. $\frac{x}{3}$ > 12 |  |  |
| 24.$\frac{y}{4}$ ≤ 6.5 |  |  |
| 25.$\frac{z}{9}$ ≥ $\frac{1}{3}$ |  |  |