

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

## Solving Equations and Inequalities Review

Solve each equation or inequality. Show each step of your work!

1.  $-19 = b - 6$

2.  $-8 = -16 + n$

3.  $-\frac{n}{16} = 2$

4.  $-9 + x = -26$

5.  $29 + m = 13$

6.  $418 = -22a$

7.  $8x + 73 = 1$

8.  $-\frac{n}{3} - 10 = 0$

9.  $-9 = -\frac{h}{12} + 5$

10.  $5 - 2y = 7$

11.  $2x + 3 = 7$

12.  $3b + 6 = 12$

13.  $9 = 5 + 4t$

14.  $4a + 1 = 13$

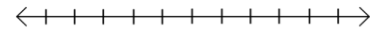
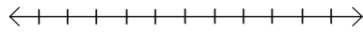
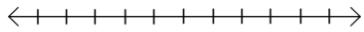
15.  $-t + 2 = 12$

**Solve each inequality. Graph your solution.**

16.  $x + 12 > -15$

17.  $-23 > n - 18$

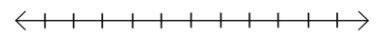
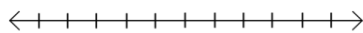
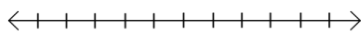
18.  $5p < -25$



19.  $-9c > -81$

20.  $-7y < 21$

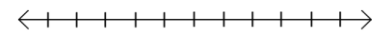
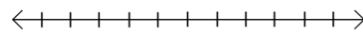
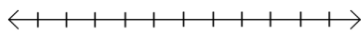
21.  $\frac{h}{3} > -6$



22.  $-4k - 5 \leq 3$

23.  $\frac{x}{-5} + 17 > 4$

24.  $3x - 27 > -18$



**Write an inequality to match each graph.**

