Cumulative Review #091521 Name_____

Period & Class_____

Solve each equation.

1) $11 + k = 24$

2) $5x - 2 = 68$

3) $-2 = -6 + \frac{b}{2}$

4) $\frac{-9 + r}{8} = -1$

5) $162 = 9(p + 4)$

6) $-21 = n + 6n$

7) $52 = -3(1 + 5k) - 5$

8) $|m| = 7$

9) $10 + \left|\frac{a}{4}\right| = 11$

10) $7|8 + 8n| = 56$

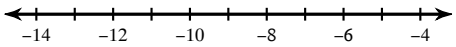
Solve each equation for the indicated variable.

11) $z = x + m$, for x

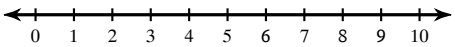
12) $g = 3a - 2$, for a

Solve each inequality and graph its solution.

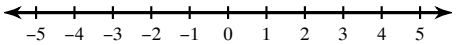
13) $n + 12 \geq 3$



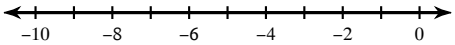
14) $-8 < -12 + x$



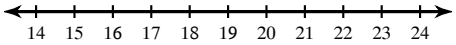
15) $-3x \geq 6$



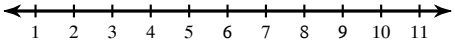
16) $5b \geq -40$



17) $6 > 2 + \frac{x}{4}$

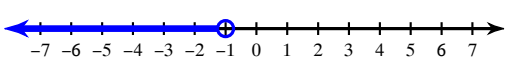
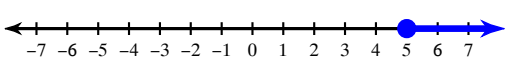


18) $-12 > -4 - 2n$



Write an inequality for each graph.

19)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