

Review of Chapter 1 - Day 2 - Solving Equations & Inequalities

Solve each equation.

1) $-6 = \frac{n}{10} - 8$

2) $\frac{v}{2} - 7 = -11$

3) $-29 = 2b - 3$

4) $1 = \frac{m+9}{26}$

5) $\frac{r}{6} - 1 = -2$

6) $6 = \frac{6+x}{2}$

7) $-2(6m+4) = 88$

8) $n + 8(-4 - 2n) = -152$

Solve each proportion.

9) $\frac{k}{10} = \frac{4}{9}$

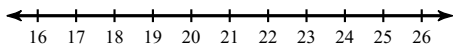
10) $\frac{2}{8} = \frac{p+3}{10}$

11) $\frac{x+5}{9} = \frac{x}{4}$

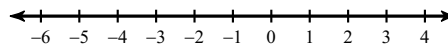
12) $\frac{n-8}{4} = \frac{n-10}{5}$

Solve each inequality and graph its solution.

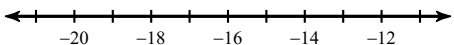
13) $-10 + \frac{m}{2} < -1$



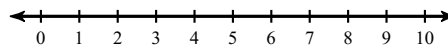
14) $-6n + 7 > 7$



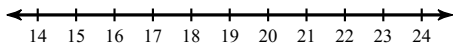
15) $-10(v + 9) < 90$



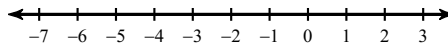
16) $-4(r + 7) > -48$



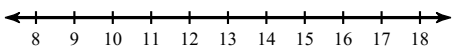
17) $-113 < -6x - 5$



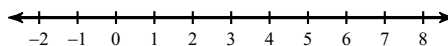
18) $72 \leq 8(k + 8)$



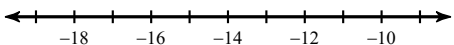
19) $1 \leq -4 + \frac{v}{3}$



20) $-6 \leq -7 + \frac{x}{4}$



21) $\frac{n}{2} - 6 > -14$



22) $7 < \frac{a + 1}{3}$

