

Solving Equations, Absolute Value, and Inequalities

Solve each equation.

1) $\frac{n-5}{4} = 1$

2) $\frac{a}{9} - 5 = -7$

3) $-5 - 3(p-6) = 7 + 3p$

4) $-23 + 5n = 8(-2n + 5)$

5) $|n| = 3$

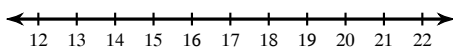
6) $|v-7| = 16$

7) $8|k+10| = 8$

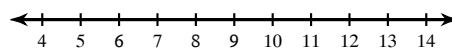
8) $6 + |4+n| = 12$

Solve each inequality and graph its solution.

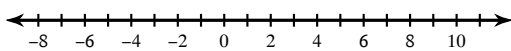
9) $x - 8 \geq 10$



10) $r - 17 < -6$



11) $|b-1| \leq 7$



12) $|x-6| > 4$

