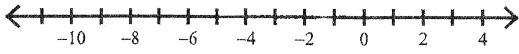


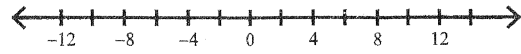
Absolute Value Inequalities Day 1

Solve each inequality and graph its solution.

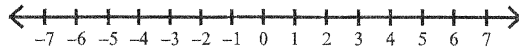
1) $|x + 4| \geq 4$



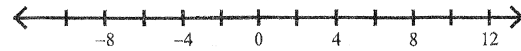
2) $|x - 2| \geq 10$



3) $|-5a| \leq 25$

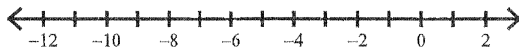


4) $|2k| < 18$



Solve each compound inequality and graph its solution.

5) $-18 \leq -9 + n < -9$

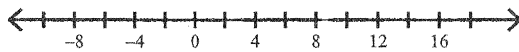


6) $x - 7 \leq -14$ or $x - 9 > -9$

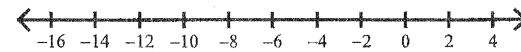


Solve each inequality and graph its solution.

7) $|k - 4| > 11$



8) $|n + 6| > 5$



Solve each equation.

9) $|n - 1| = 4$

10) $|4 - a| = 7$

11) $|-2x| = 2$

12) $|5v| = 50$

Solve each inequality and graph its solution.

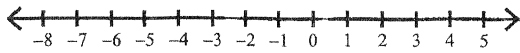
13) $6 + 5x - 4 < 12$



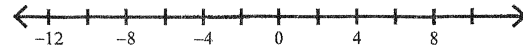
14) $1 + 7n + 8n \geq 1$



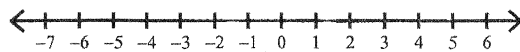
15) $-3 + |m + 1| < 2$



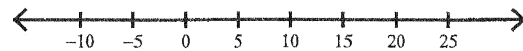
16) $\left| \frac{n}{7} \right| + 5 > 6$



17) $-8 \left| \frac{b}{8} \right| \geq -5$



18) $2|x - 8| > 36$



Solve each equation.

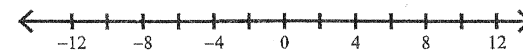
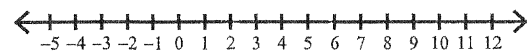
19) $\frac{|x + 10|}{8} = 5$

20) $10|4 + k| = 10$

Solve each compound inequality and graph its solution.

21) $\frac{p}{10} < 0$ or $\frac{p}{9} > 1$

22) $\frac{m}{10} \leq 1$ and $-6m \leq 60$



Solve each inequality and graph its solution.

23) $5|7 + r| \leq 20$

24) $-4|v + 5| > -48$

