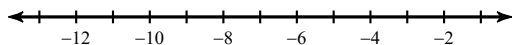


3-6C: Compound AND Inequalities

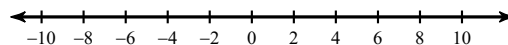
Date _____ Period ____ Table _____

Solve each compound inequality and graph its solution.

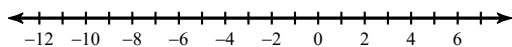
1) $-30 < 3b \leq -12$



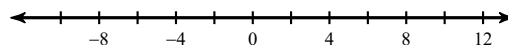
2) $-80 < 10n < 100$



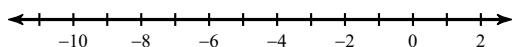
3) $-7 \leq x + 2 < 6$



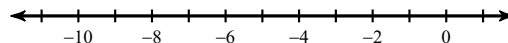
4) $-1 \leq \frac{x}{9} < 1$



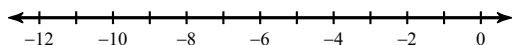
5) $-1 < \frac{p}{8} < 0$



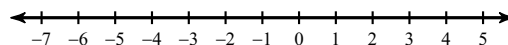
6) $-7 < n - 1 < -1$



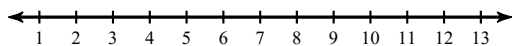
7) $-40 > 10x \geq -80$



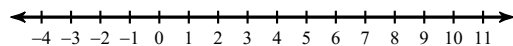
8) $2 \geq x + 1 > -4$



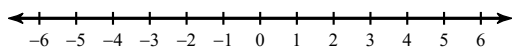
9) $20 < 4a \leq 40$



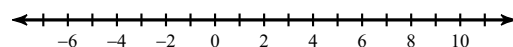
10) $-27 < 9k < 81$



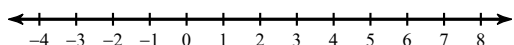
11) $k + 5 \leq 6$ and $-5k - 5 \leq 15$



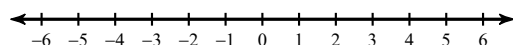
12) $-4x + 1 < -27$ or $1 - 10x > 41$



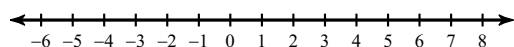
13) $5 + 2b > 5$ and $-5 + 9b < 22$



14) $-21 \leq 5n - 1 < -11$



15) $1 + 2v \leq -3$ or $6 - 9v < -30$



16) $6 + 5r < 46$ and $1 - 3r < -17$

