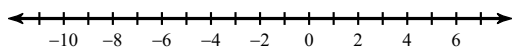


3-6B: Compound AND Inequalities

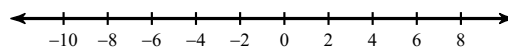
Date _____ Period ____ Table _____

Solve each compound inequality and graph its solution.

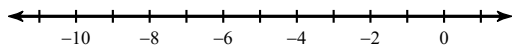
1) $9 + k \geq -1$ and $\frac{k}{2} < 2$



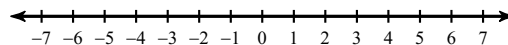
2) $\frac{x}{7} < 1$ and $\frac{x}{10} > -1$



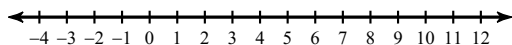
3) $\frac{v}{4} \leq 0$ and $-1 + v \geq -7$



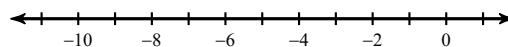
4) $r + 10 < 16$ and $9r > -54$



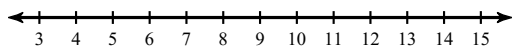
5) $x + 10 < 19$ and $x - 7 \geq -9$



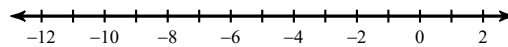
6) $\frac{x}{4} \geq -2$ and $x + 2 < -4$



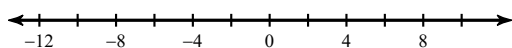
7) $a + 5 \leq 15$ and $a + 3 \geq 12$



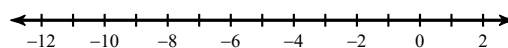
8) $-8 + n \leq -9$ and $\frac{n}{10} \geq -1$



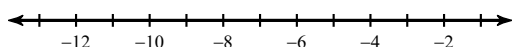
9) $3p - 6 < 21$ and $8p + 7 \geq -73$



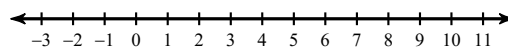
10) $-p + 6 > 7$ and $3p + 10 \geq -20$



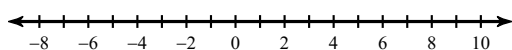
11) $5n - 1 < -11$ and $8 + 10n \geq -92$



12) $10x - 4 \leq 76$ and $5 + x \geq 4$



13) $8n + 7 \leq 79$ and $-2 + 3n > -20$



14) $8 + 2v \geq -2$ and $v - 9 < -8$

