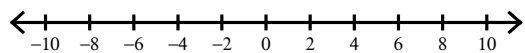


Compound Inequalities

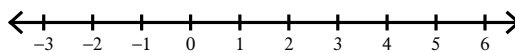
Date _____ Period _____

Solve each compound inequality and graph its solution.

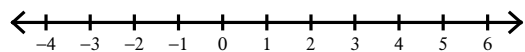
1) $x + 6 \geq 11$ or $x + 3 \leq -2$



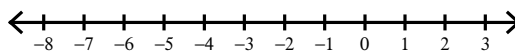
2) $5 \leq b + 5 < 9$



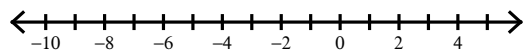
3) $-6 \leq -2n \leq 2$



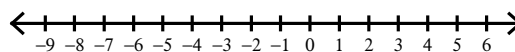
4) $-3 < r + 3 \leq 5$



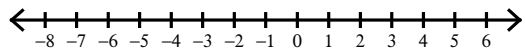
5) $-6 + n \geq -4$ or $\frac{n}{5} < -1$



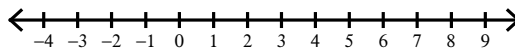
6) $6r \leq -30$ or $4r \geq 12$



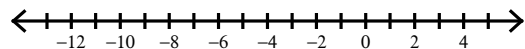
7) $2x - 9 > -7$ or $7x + 5 \leq -30$



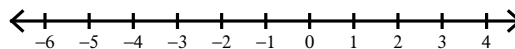
8) $12n - 4 > 56$ or $12n - 4 \leq 8$



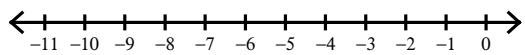
9) $-6r + 8 < 8$ or $12r - 2 \leq -98$



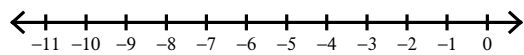
10) $9n - 9 \leq 0$ and $1 + 12n \geq -59$



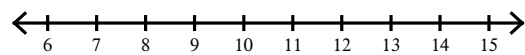
11) $-10x - 9 \geq 11$ and $-11x - 1 \leq 87$



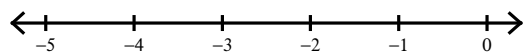
12) $-64 < 6b - 4 < -22$



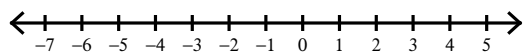
13) $6 + 2p \leq 24$ or $5p - 11 \geq 39$



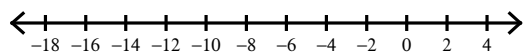
14) $2 < 8 + 3m < 5$



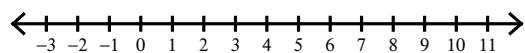
15) $-3 + 3k \leq 12k - 12$ or $-13k - 7 \leq -17k - 15$



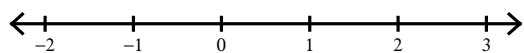
16) $20 - 11a \leq -12a + 7$ or $9 - 16a \leq 9 - 8a$



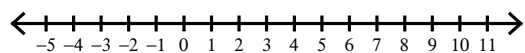
17) $20x - 15 \geq 6 + 17x$ or $16x - 12 < 9x - 5$



18) $-17n - 12 < 13n - 12 \leq -8 + 9n$



19) $14b - 4 \geq 19b - 4$ or $-14b - 17 > -19b + 13$



20) $4n + 19 \leq 5n + 3$ or $12n + 15 < 5 + 10n$

