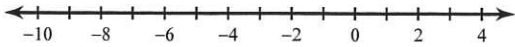


Solving Compound Inequalities HW-2

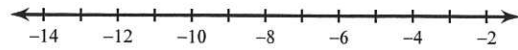
Date _____ Period _____

Solve each compound inequality and graph its solution.

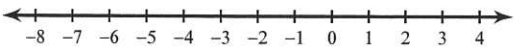
1) $4x \geq -36$ and $-3x \geq -9$



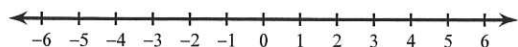
2) $n - 7 < -17$ or $n - 7 > -16$



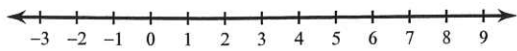
3) $-13 \leq 1 + 2n < -9$



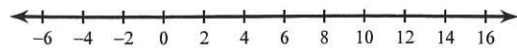
4) $4x - 9 > -5$ or $-7 - 8x > 1$



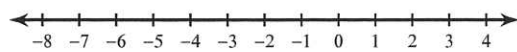
5) $4x + 2 \geq 2x + 4$ and $6x - 10 < 5x - 4$



6) $-9 - 10n \geq 9 - n$ or $4n - 8 \geq 3n + 5$



7) $7x + 5 \geq 7 + 8x$ or $1 - 2x \geq 1 - 5x$



8) $9 + 5x \geq 7x - 7 \geq 2x - 7$

