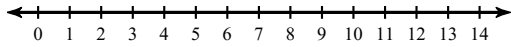


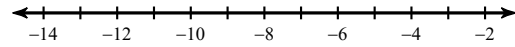
### Study Problems #17

Solve each compound inequality, graph its solution then state the domain in interval notation.

1)  $n + 3 \geq 12$  or  $-5n \geq -25$



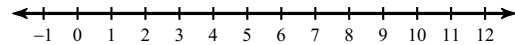
2)  $-54 < 6m \leq -36$



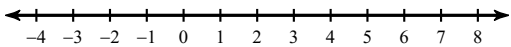
3)  $\frac{x}{2} < -2$  or  $x + 3 > 9$



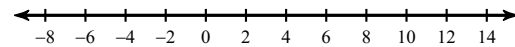
4)  $-1 \leq n - 3 \leq 7$



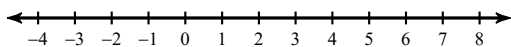
5)  $-6 < 2 + 4x < 10$



6)  $-9 - 3r > 6$  or  $-5r - 6 \leq -51$



7)  $5 + 5n \leq 10$  or  $9n + 4 > 31$



8)  $-44 \leq 9k - 8 \leq 46$

