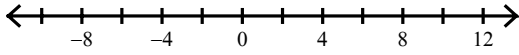


Compound Inequalities 3

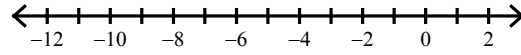
Date _____ Period _____

Solve each compound inequality and graph its solution.

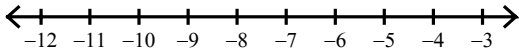
1) $5n - 3 > 32$ or $10n - 5 < -55$



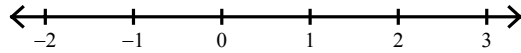
2) $8 - 4n \leq 16$ or $2 - 10n \geq 72$



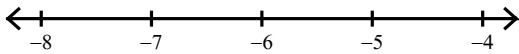
3) $-107 < 10n - 7 < -57$



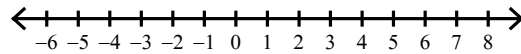
4) $-10 \geq 6m - 10 > -16$



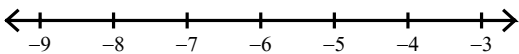
5) $3n + 6 \geq -12$ or $5n - 9 \geq -29$



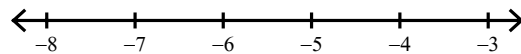
6) $-7r + 6 < -15$ or $-8r + 9 \geq -71$



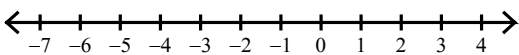
7) $47 < 5 - 7x < 61$



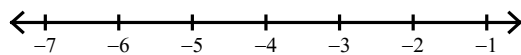
8) $-52 \leq 6r - 10 \leq -46$



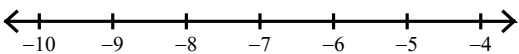
9) $62 \leq 8 - 6x \leq 26$



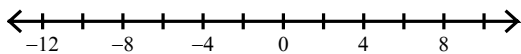
10) $15 < 6 - 3v < 21$



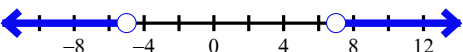
11) $-55 \leq 6k - 1 \leq -31$

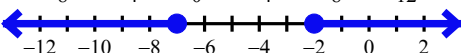


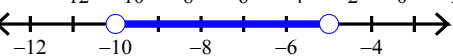
12) $-7 - 2k \geq 7$ or $-4k + 4 < -24$

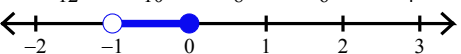


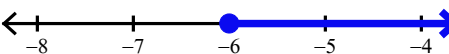
Answers to Compound Inequalities 3 (ID: 1)

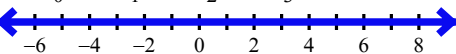
1) $n > 7$ or $n < -5$: 

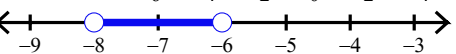
2) $n \geq -2$ or $n \leq -7$: 

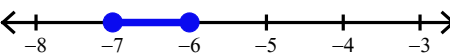
3) $-10 < n < -5$: 

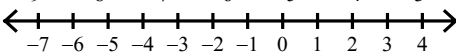
4) $-1 < m \leq 0$: 

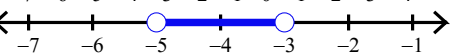
5) $n \geq -6$: 

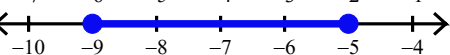
6) { All real numbers. } : 

7) $-8 < x < -6$: 

8) $-7 \leq r \leq -6$: 

9) No solution. : 

10) $-5 < v < -3$: 

11) $-9 \leq k \leq -5$: 

12) $k \leq -7$ or $k > 7$: 