

Algebra 1A – 3-5 Compound Inequalities Worksheet #2

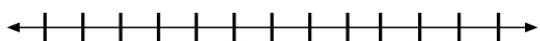
Name _____

Date _____ Per _____

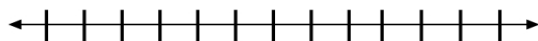
Solve each compound inequality. Graph your solution.

1) $-5 < x + 5 < 5$

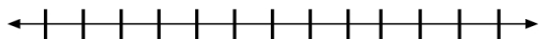
2) $1 < 3x + 4 < 10$



3) $k - 3 > 1$ or $k - 3 < -1$



4) $b - 2 > 18$ or $3b < 54$



5) $14 < 3h + 2 < 2$



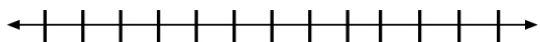
6) $-4 < t + 2 \leq 4$



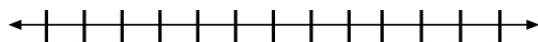
7) $-3 \leq 3 + m \leq 7$



8) $2r + 8 > 16 - 2r$ and $7r + 21 < r - 9$



9) $-1 \leq \frac{1}{2}x < 1$



10) $x + 2 > -1$ or $x - 6 < -9$