

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

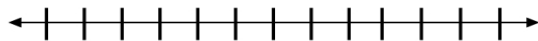
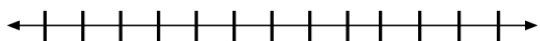
Name _____

Date _____ Per _____

Solve each compound inequality. Graph your solution.

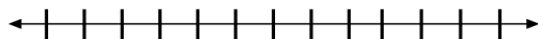
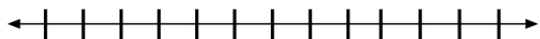
1) $-5 < x + 5 < 5$

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



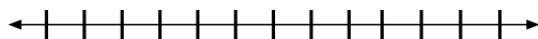
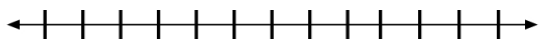
3) $k - 3 > 1$ or $k - 3 < -1$

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



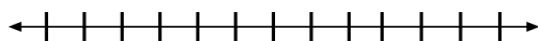
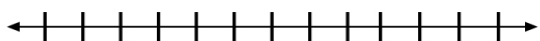
5) $14 < 3h + 2 < 2$

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 $x - 6 < -9$