

Solving Compound Inequalities

Date _____ Period _____

Solve each compound inequality.

1) $20 \geq -8 + 7r \geq -71$

2) $13 < 3a + 1 \leq 31$

3) $1 < 9b + 1 \leq 91$

4) $7 \leq 3n - 8 \leq 22$

5) $1 \geq n - 8 \geq -10$

6) $20 > 6k + 8 > -46$

7) $-41 < 7 + 6n < 61$

8) $-36 \leq 6m - 6 \leq 48$

9) $-13 < 2r + 3 < 3$

10) $-17 \leq 1 - 9m \leq 10$

11) $35 > 3 - 4m > -37$

12) $-16 < 2x - 4 \leq 4$

13) $-4 < -n + 1 \leq 0$

14) $45 \leq 9 + 9x < 99$

15) $-15 \leq 5p - 10 \leq 0$

16) $-37 < 7p - 9 \leq -9$