

Manipulating Equations and Inequalities Practice

Solve for y:

1) $2x - 7y < -21$

2) $2(y + 4) = 7x - 6$

3) $3 + 2x + y \leq 0$

4) Solve for m: $4(n - 3m) > 18n + 9m - 6$

5) Solve for g: $11g - g = 5(3u + 5) - 20$

6) Solve for u: $18m - 6(5u + 4m) \leq 10u + 6m$

7) Solve for y: $\frac{2y}{3} = \frac{x+4}{2}$

8) Solve for u: $15r < \frac{-9u+5}{3}$

9) Solve for w: $4kw - 6 = 3k + 10$

10) Solve for j: $2(4m - 3j) \leq j - jm$