

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

WS 3E.2 - More Solving Simple Inequalities

#1-10, Solve each inequality and graph the solution set on a number line.

1. $2(n + 1) > 15$

2. $4x + 5 - 6x \leq 9$

3. $9m - 4 \leq 12 + 5m$

4. $2h - 4(h - 3) < 4$

5. $17 - (4x - 2) > 2(x + 3)$

6. $5d - \frac{3d + 8}{2} \leq -4 + \frac{7d}{2}$

7. $5 - (1 - r) - 2(r + 7) > -10r$

8. $\frac{1}{2}n - \frac{1}{8} > \frac{3}{4} + \frac{6}{5}n$

9. $y - [y - (y - 4)] \leq 3 - [4 - 3(2y + 8)]$

10. $-2\{-2[-2(2 - z)]\} > -16 + 8z$
