

3-6**3-6bc: Homework Practice****Solving Compound Inequalities**

Solve each compound inequality. Graph your solutions.

1. $3r + 2 < 5$ or $7r - 10 > 60$

2. $3 > -0.25v > -2.5$

3. $5 < k - 2 < 11$

4. $-4 > y + 2 > -10$

5. $6b - 1 \leq 41$ or $2b + 1 \geq 11$

6. $5 - m < 4$ or $7m > 35$

7. $3 < 2p - 3 \leq 12$

8. $3 > \frac{11+k}{4} \geq -3$

9. $3d + 3 \leq -1$ or $5d + 2 \geq 12$

10. $9 - c < 2$ or $-3c > 15$

11. $4 \leq y + 2 \leq -3(y - 2) + 24$

12. $5z + 3 < -7$ or $-2z - 6 > -8$