

**Solve each compound inequality. Graph your solutions.**

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| **1.** 3*r +* 2 < 5 U 7*r* − 10 > 60 | **2.** 3 > −0.25*v* > −2.5 |

**3.** 5 < *k* − 2 < 11 **4.** −4 > *y +* 2 > −10

**5.** 6*b* − 1 ≤ 41 $∩$ 2*b* + 1 ≥ 11 **6.** 5 − *m* ≥ 4 or 7*m* > 35

**7.** 3 < 2*p* − 3 ≤ 12 **8. **

**9.** 3*d +* 3 ≤ −1 or 5*d +* 2 ≥ 12 **10.** 9 − *c* < 2 or −3*c* > 15

**11.** 4 ≤ *y +* 2 ≤ −3(*y* − 2) + 24 **12.** 5*z +* 3 < −7 or −2*z* − 6 < −8