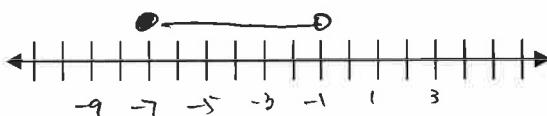


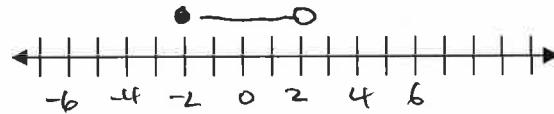
**3-6 Compound Inequalities**

Solve each compound inequality and graph the solutions.

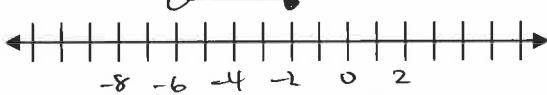
1. $-4 \leq x + 3 < 2$
 $\underline{-3 \leq x < -1}$
 $\boxed{-3 \leq x < -1}$



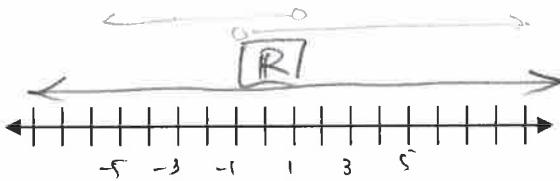
2. $-1 \leq \frac{g-2}{4} < 0$
 $-4 \leq g-2 < 0$
 $\rightarrow \leq g < 2$



3. $3 - p \geq 5$ and $p - 4 > -10$
 $-p \geq 2$ $p > -6$
 $p \leq -2$ and $p > -6$
 $\boxed{-6 < p \leq -2}$



4. $r - 3 < -2$ or $r - 4 > -5$
 $r < 1$ or $r > -1$



5. Write a compound inequality that could represent the graph.

