

Divide both sides by -3 and reverse the inequality sign: $\frac{-3c}{-3} \leq \frac{-15}{-3}$, so $c \leq 5$. Since 5 is part of the solution, the graph will have a closed endpoint at 5. The numbers less than 5 are represented by points to the left of 5, and this is what is shown in the graph.