Solve and plot 2x-3>-4

- 1) What's the inverse of subtracting 3? Adding 3 2x-3+3>-4+3 setup the addition of 3 2x>-1 complete the addition
- 2) What's the inverse of multiplication? Division
- 3) Setup the division by 2 on both sides: $\frac{2x}{2} > \frac{-1}{2}$

Complete the division:

$$x > \frac{-1}{2}$$

- 4) Draw a number line:
- 5) Mark $x = \frac{-1}{2}$ with an open point:
- 6) Shade to the right of $\frac{-1}{2}$:
- 7) Use x=0 to check: 2(0)-3>-4
 -3>-4 true





