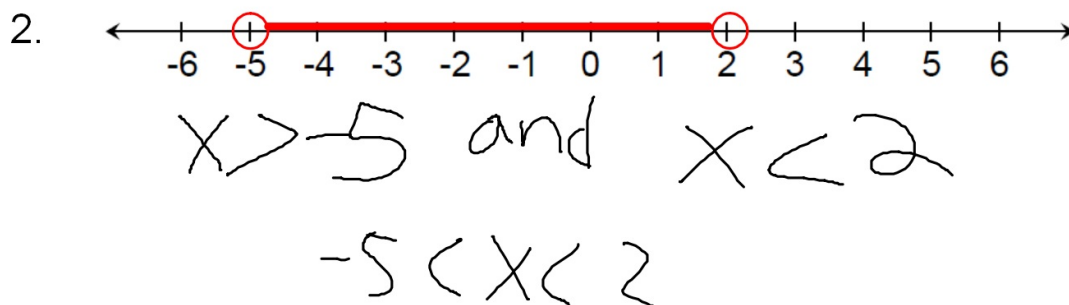
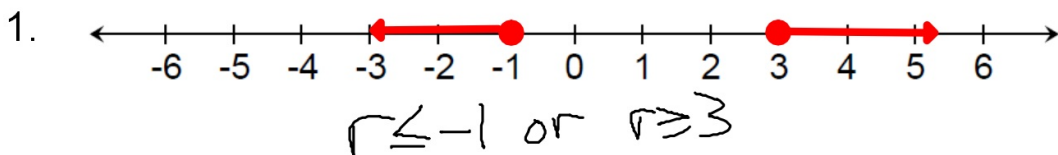


Write an inequality to model each graph.



3. Solve this inequality.

$$\begin{array}{rcl} 4 - 2x < 18 & \text{and} & 3\left(7 + \frac{2}{3}x\right) < 15 \\ -4 & & -4 \\ \hline -2x < 14 & & 21 + 2x < 45 \\ \hline x > -7 & & -21 \\ & & \hline & & 2x < 24 \\ & & \hline & & x < 12 \end{array}$$

$-7 < x < 12$

$x > -7$ and $x < 12$

4. Which is a better buy?

12 ounce can of beans for \$0.59

or

16 ounce can of beans for \$0.77

$$\begin{array}{r} 12 \\ \cdot 59 \\ \hline 20.34 \end{array}$$

More ounces per dollar

$$\begin{array}{r} .59 \\ 12 \\ \hline .049 \end{array}$$

Fewest dollars per ounce