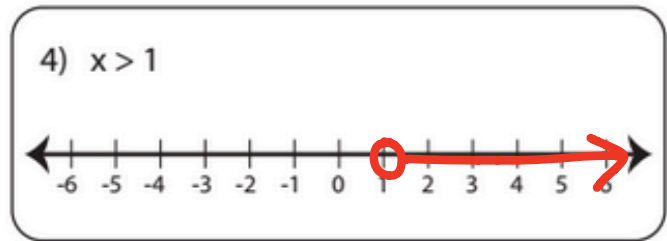
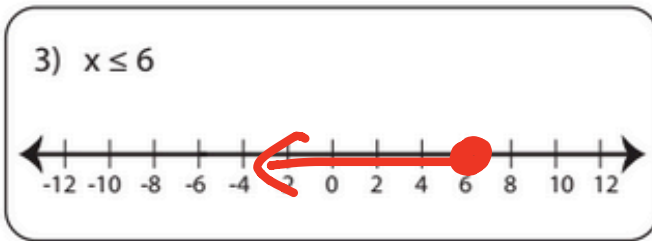
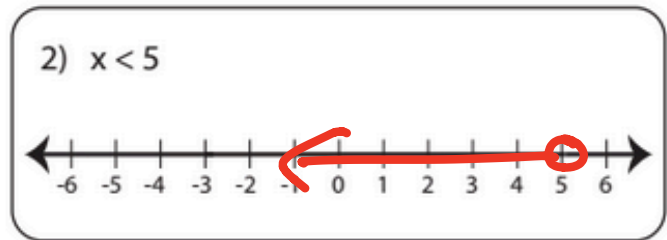
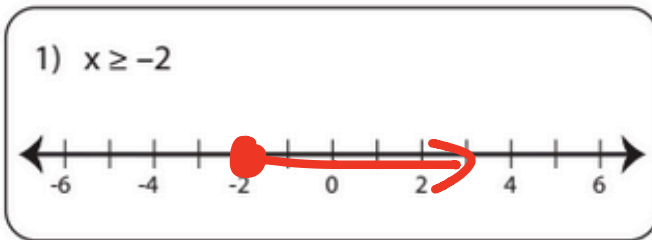
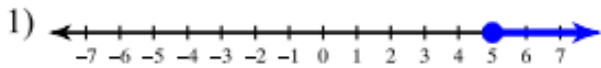


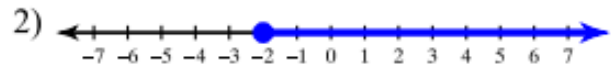
Graph the inequality:



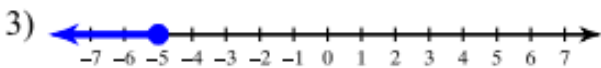
Write an inequality for each graph.



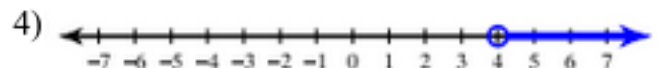
$$x \geq 5$$



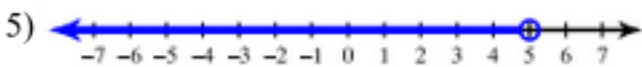
$$x \geq -2$$



$$x \leq -5$$



$$x > 4$$

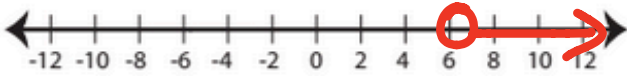


$$x < 5$$

Solve each inequality and graph the solution.

1) $x - 2 > 4$

$$\begin{array}{r} +2 \ +2 \\ \hline x > 6 \end{array}$$



2) $\frac{x}{3} \leq 7$

$$\begin{array}{r} (3) \ \frac{x}{3} \leq 7 \ (3) \\ \hline x \leq 21 \end{array}$$



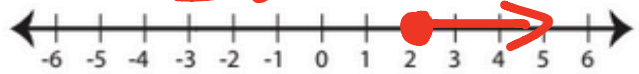
3) $6x < 30$

$$\begin{array}{r} \bar{6} \ \bar{6} \\ \hline x < 5 \end{array}$$



4) $x + 9 \geq 11$

$$\begin{array}{r} -9 \ -9 \\ \hline x \geq 2 \end{array}$$



5) $-8 < -\frac{x}{2} \ (-2)$

$$\begin{array}{r} 16 > x \\ \hline x < 16 \end{array}$$

FLIP THE SYMBOL



6) $-5x < 40$

$$\begin{array}{r} -5 \ -5 \\ \hline x > -8 \end{array}$$

FLIP THE SYMBOL

