Solve and Graph

Work Space

1) $x - 3 < -2$

$$\begin{array}{c} -7 \quad -6 \quad -5 \quad -4 \quad -3 \quad -2 \quad -1 \quad 0 \quad 1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \end{array}$$

2) $\frac{x}{5} \geq -1$

$$\begin{array}{c} -7 \quad -6 \quad -5 \quad -4 \quad -3 \quad -2 \quad -1 \quad 0 \quad 1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \end{array}$$

3) $2 \leq x - 4$

$$\begin{array}{c} -7 \quad -6 \quad -5 \quad -4 \quad -3 \quad -2 \quad -1 \quad 0 \quad 1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \end{array}$$
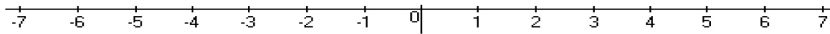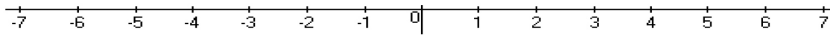
4) $-7x > -28$

Answer: _____

If the conditions are same as in question 1, find the probability of selecting an odd number in a third draw.

Answer: _____

If two cards are drawn with replacement, find the probability of choosing prime number in both first and second draw.