## 1. Fill in the table:

Interval Notation	Inequality	Graph
	$-1 \le x < 2$	-4 -3 -2 -1 0 1 2 3 4
[-3, -1)		-4 -3 -2 -1 0 1 2 3 4
(0,∞)		-4 -3 -2 -1 0 1 2 3 4
$\left[-\frac{1}{3},2\right]$		-4 -3 -2 -1 0 1 2 3 4
	$x \le -2$	-4 -3 -2 -1 0 1 2 3 4

2. Solve  $5(x-3)-7x \ge 4(x-3)+9$ , and graph the solution set. (Write your solution in interval notation.)

3. Solve  $-3 < \frac{3}{5}x - 1 \le 8$ , and graph the solution set.

Q: What goes around the world but stays in a corner?