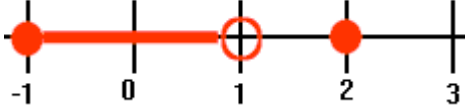

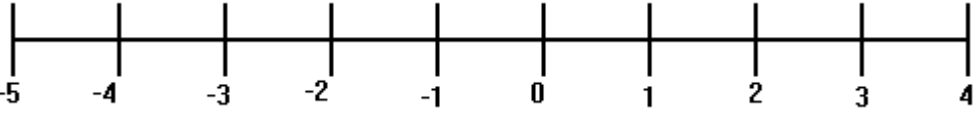
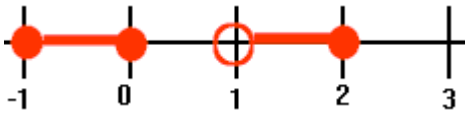


Worksheet – Comparing Notations

Name _____

Complete the following table

	Set-builder Notation	Interval Notation	Graph
1.	$\{x \in \mathbb{R} \mid x < 3 \text{ or } x \geq 5\}$		
2.		$(-4, 0) \cup (1, \infty)$	
3.			
4.	$\{x \in \mathbb{R} \mid -5 \leq x < 4\}$		
5.		$(-\infty, 2) \cup (2, \infty)$	

6.			
7.	$\{x \in \mathbb{R} \mid x < -3 \text{ or } -2 \leq x \leq 3\}$		
8.		$(-\infty, -4] \cup (-2, \infty)$	
9.			
10.	$\{x \in \mathbb{R} \mid x \leq -2 \text{ or } -1 < x < 4\}$		