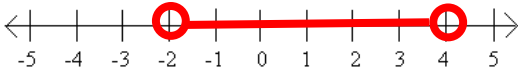
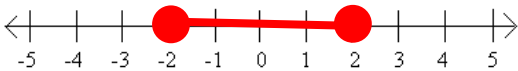
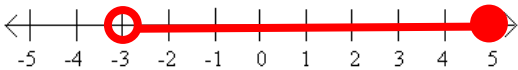
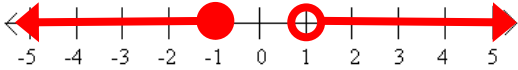


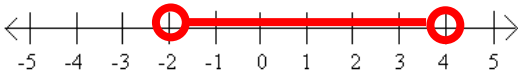
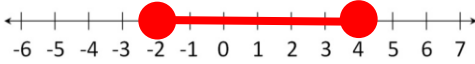
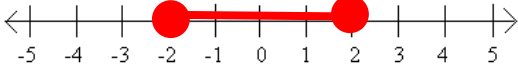
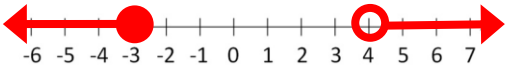
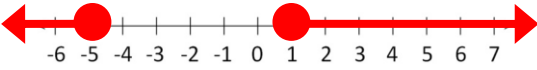
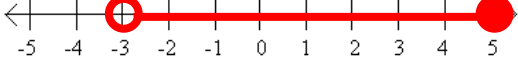
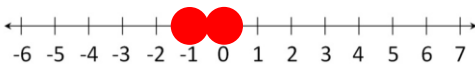
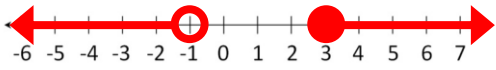
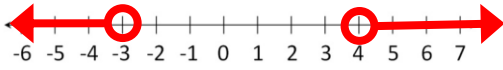
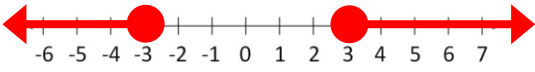
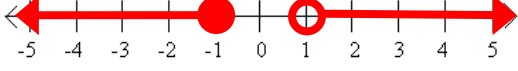
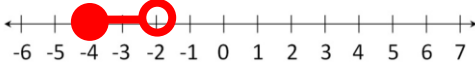

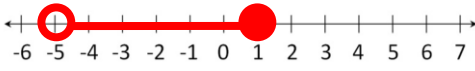
Unit 1.8 Examples of Compound Inequalities Interval Notation

Complete the following table.

#	Inequality	Graph	Interval Notation
1			
2	$-2 \leq x \leq 4$		
3			
4	$x \leq -3$ or $x > 4$		
5			$(-\infty, -5] \cup [1, \infty)$
6			
7			$[-1, 0]$
8			$(-\infty, -1) \cup [3, \infty)$
9			$(-\infty, -3) \cup (4, \infty)$
10	$x \leq -3$ or $x \geq 3$		
11			
12	$-4 \leq x < -2$		
13			$(-4, 1)$
14			$(-5, 1]$

Unit 1.8 Examples of Compound Inequalities Interval Notation

Complete the following table.

#	Inequality	Graph	Interval Notation
1	$-2 < x < 4$		$(-2, 4)$
2	$-2 \leq x \leq 4$		$[-2, 4]$
3	$-2 \leq x \leq 2$		$[-2, 2]$
4	$x \leq -3$ or $x > 4$		$(-\infty, -3] \cup (4, \infty)$
5	$x \leq -5$ or $x \geq 1$		$(-\infty, -5] \cup [1, \infty)$
6	$-3 < x \leq 5$		$(-3, 5]$
7	$-1 \leq x \leq 0$		$[-1, 0]$
8	$x < -1$ or $x \geq 3$		$(-\infty, -1) \cup [3, \infty)$
9	$x < -3$ or $x > 4$		$(-\infty, -3) \cup (4, \infty)$
10	$x \leq -3$ or $x \geq 3$		$(-\infty, -3] \cup [3, \infty)$
11	$x \leq -1$ or $x > 1$		$(-\infty, -1] \cup (1, \infty)$
12	$-4 \leq x < -2$		$[-4, -2)$
13	$-4 < x < 1$		$(-4, 1)$
14	$-5 < x \leq 1$		$(-5, 1]$