
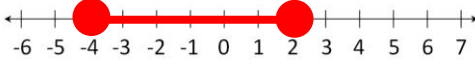
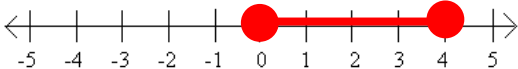
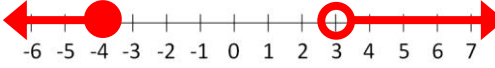
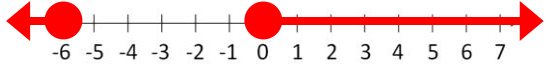
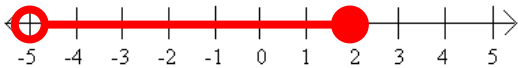
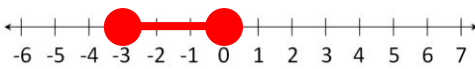

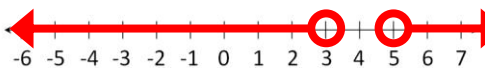
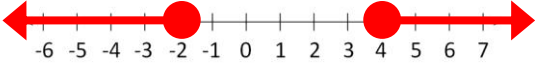
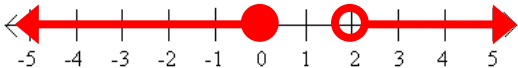
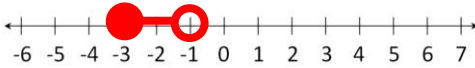

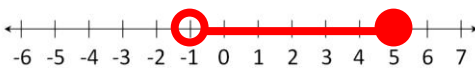


Unit 1.8 Compound Inequalities Interval Notation

Complete the following table.

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