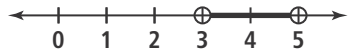
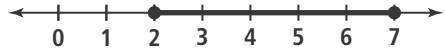




# 1-6 Mathematical Literacy and Vocabulary

## Compound Inequalities

Complete the vocabulary chart by filling in the missing information.

Word or Word Phrase	Description	Picture or Example
and	A solution of a compound inequality involving <i>and</i> includes only solutions of both inequalities. The solution includes any number that makes <i>both</i> inequalities true.	$x > 3$ and $x < 5$ 
compound inequality	A <i>compound inequality</i> is made up of two or more inequalities. These inequalities may be joined by the word <i>and</i> or the word <i>or</i> .	1.
closed circle on the number line	2.	$2 \leq x \leq 7$ 
inequality	3.	$x + 5 > 8$
open circle on the number line	4.	5.
or	6.	$x > 5$ or $x \leq 3$ 