

# 3-2 ELL Support

## Solving Inequalities Using Addition or Subtraction

Complete the vocabulary chart by filling in the missing information.

Word or Word Phrase	Definition	Picture or Example
<b>Addition Property of Inequality</b>	If $a < b$ , then $a + c < b + c$ . If $a > b$ , then $a + c > b + c$ .	$6 > 5$ , so $6 + 4 > 5 + 4$
<b>endpoint</b>	An <i>endpoint</i> is the beginning or ending point of a segment or the beginning point of a ray.	<b>1.</b>
<b>equivalent inequalities</b>	<b>2.</b>	$x - 3 \geq 6$ and $x - 9 \geq 0$
<b>isolate</b>	To <i>isolate</i> is to get the variable by itself.	<b>3.</b>
<b>Subtraction Property of Inequality</b>	<b>4.</b>	<b>5.</b>