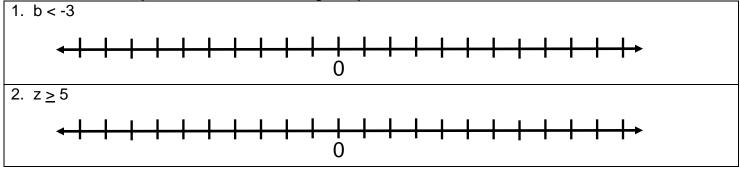
Solving inequalities

An ______ is a statement that two quantities are not equal.

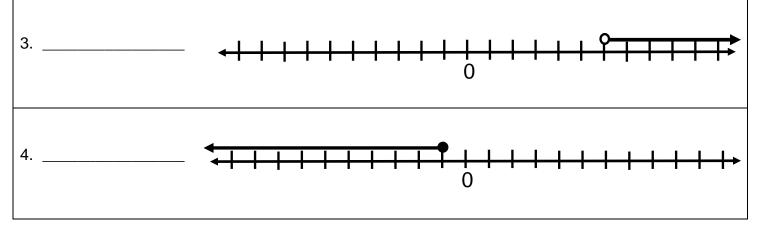
These quantities are compared by using one of the following symbols:

<	≤	>	2
A < B A is <i>less than</i> B	A ≤ B A is less than or equal to B	A > B A is greater than B	A ≥ B A is greater than or equal to B
0	ightarrow	0	0

EXAMPLES: Graph each of the following inequalities.



EXAMPLES: Write the inequality illustrated by each graph.



RULE: If you multiply or divide both sides of an inequality by a negative number, FLIP the inequality sign.



