

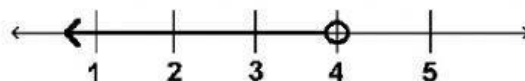
# SOLVING AND GRAPHING INEQUALITIES

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**INSTRUCTIONS:** Match the inequality with its graph by drawing a line from the inequality to its corresponding graph. Please note you have more inequalities than graphs so you WILL NOT use all the inequalities.

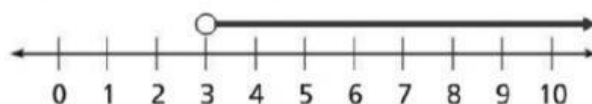
1.  $x \leq 1$



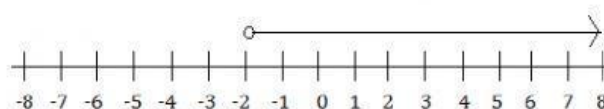
2.  $x \geq -2$



3.  $x \leq 4$

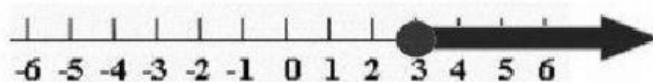


4.  $x > -2$



5.  $x < 4$

6.  $x > 3$



7.  $x \geq 3$

PART B: Solve the following inequalities and match its solution with a graph below.

NUMBER LINE

1.  $x + 15 > 20$

$x > \underline{\hspace{1cm}}$

2.  $x + 29 \leq 32$

$x \leq \underline{\hspace{1cm}}$

3.  $x - 4 \leq 4$

$x \leq \underline{\hspace{1cm}}$

4.  $x + 10 \geq 10$

$x \geq \underline{\hspace{1cm}}$

5.  $x - 5 \geq -2$

$x \geq \underline{\hspace{1cm}}$

