

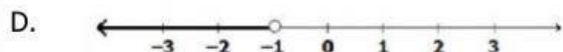
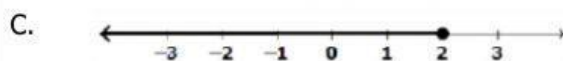
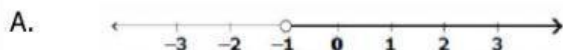
Name _____

- 1 Choose all the possible answers that correctly show the inequality displayed on the number line below.

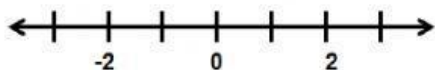


$4 \geq n$	$4 > n$	$n > 4$
$4 \leq n$	$n \geq 4$	$n \leq 4$

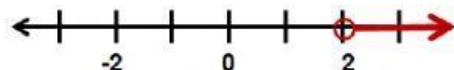
- 2 Which number below displays $-1 > x$?



- 3 Graph the inequality: $2 \leq x$



- 4 What is the inequality shown below?



- 5 Bart will graph the following inequality on the number line. $x < 6$

Which describes the type of circle and the direction of the arrow for this inequality?

A) open circle on 6, arrow points right from 6

C) open circle on 6, arrow points left from 6

B) closed circle on 6, arrow points right from 6

D) closed circle on 6, arrow points left from 6

- 6 Circle the two inequalities that demonstrate the same relationship.

$x > 5$	$5 > x$	$x < 5$
$-5 \leq x$	$x \leq 5$	$-5 < x$