

Name: _____
Ms. Napolitano

Date: _____
Activity #: _____

Topic: Inequality

Homework Day 1

Reading, Writing, and Graphing Inequalities

Inequality

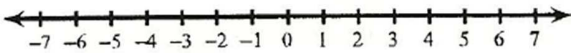
How do you read it?

| | | |
|---|------------|--|
| ① | $X \geq 7$ | |
| ② | $N < 2$ | |
| ③ | $Y > 10$ | |
| ④ | $A \leq 5$ | |

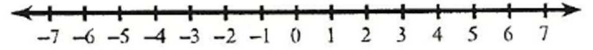
⑤ When you are graphing an inequality with $<$ or $>$, do you use an open circle or closed circle? _____

Graph each inequality below.

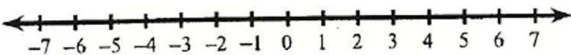
⑥ $x \leq 4$



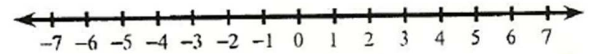
⑦ $n > -5$



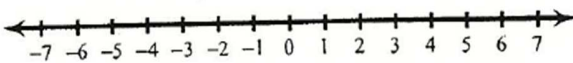
⑧ $x \geq 0$



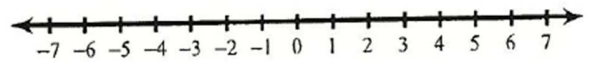
⑨ $r \leq -1$



⑩ $n < 3$

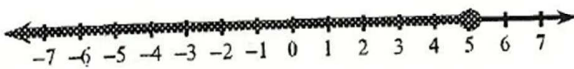


⑪ $x > 4$



Write an inequality for each graph.

⑫



⑬

