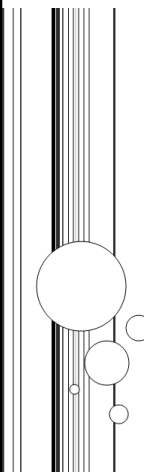


# Day 1 inequalities



## UNIT 2 – 2

### Solving Inequalities

Inequalities Day 1

### INEQUALITIES AND THEIR GRAPHS

- o Identifying Solutions by Mental Math
  - Is each number a solution of  $x \leq 7$ ?
    - o 9
    - o -1
    - o 7
  - Is each number a solution of  $x \geq -4.1$ ?
    - o -5
    - o -4.1
    - o 8
    - o 0

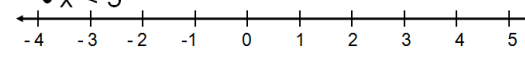
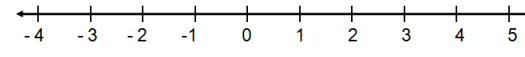
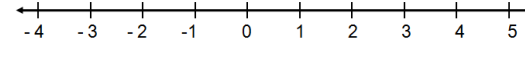
Inequalities Day 1

### INEQUALITIES AND THEIR GRAPHS

- o Identifying Solutions by Evaluating
  - Is each number a solution of  $2 - 5x > 13$ ?
    - o 3
    - o -4

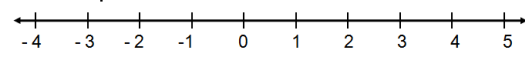
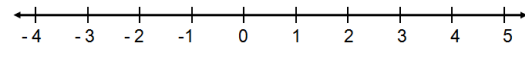
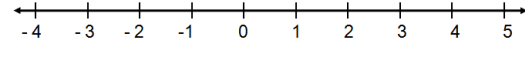
Inequalities Day 1

### INEQUALITIES AND THEIR GRAPHS

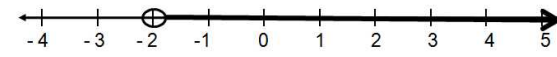
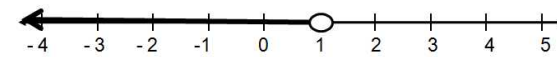
- o Graphing and Writing Inequalities in One Variable
  - $x < 3$ 

  - $m \geq -2$ 

  - $-1 \geq a$ 


Inequalities Day 1

### INEQUALITIES AND THEIR GRAPHS

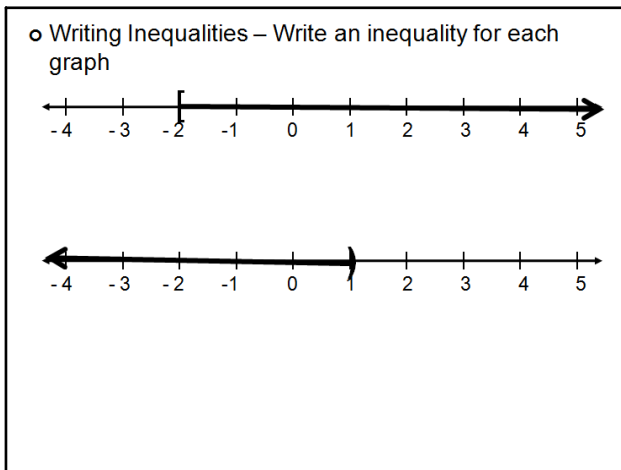
- o Graphing Inequalities
  - Graph  $c > -2$ 

  - Graph  $4 \leq m$ 

  - Graph  $n \geq -3$ 


Inequalities Day 1

- o Writing Inequalities – Write an inequality for each graph
  - 
  - 

Inequalities Day 1

## Day 1 inequalities



Inequalities Day 1