

## WEEK 6 - MATH ASSIGNMENTS

April 27 – May 1

### Equations and Inequalities

Monday, April 27

#### Assignment:

- Review Week 6 (04-27 thru 05-01) Student Notes 1
- Review Week 6 (04-27 thru 05-01) Student Notes 2
- Watch Video: [https://www.youtube.com/watch?v=L0\\_K89UJfJY](https://www.youtube.com/watch?v=L0_K89UJfJY)
- Watch Video: First 2 minutes only... <https://www.youtube.com/watch?v=jrWmqEJjhLY>
- No written assignment.

Calculator link: <https://www.desmos.com/fourfunction>

Tuesday, April 28

#### Assignment:

Solve each equation. Be sure to show you steps with inverse operations.

1)  $x + 9 = 12$

2)  $s - 1 = 10$

3)  $3 = z - 11$

4)  $5 + y = 7$

5)  $8 = 2 + q$

## WEEK 6 - MATH ASSIGNMENTS

April 27 – May 1

### Equations and Inequalities

Wednesday, April 29

**Assignment:**

Solve each equation. Be sure to show you steps with inverse operations.

1)  $3x = 36$

2)  $\frac{y}{9} = 3$

3)  $5p = 25$

4)  $14 = \frac{a}{2}$

5)  $24 = 6c$

## WEEK 6 - MATH ASSIGNMENTS

April 27 – May 1

### Equations and Inequalities

Thursday, April 30

#### Assignment:

Graph each inequality.

When graphing an inequality use: ●  $\leq$  or  $\geq$

○  $<$  or  $>$

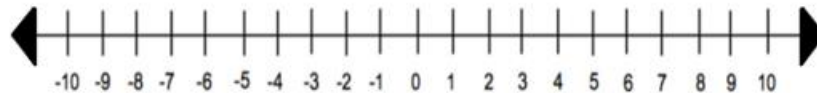
1)  $p > 2$



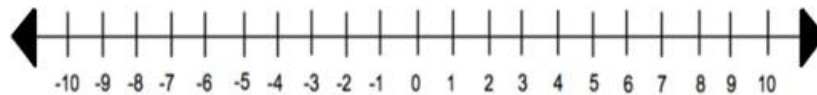
2)  $x \geq 6$



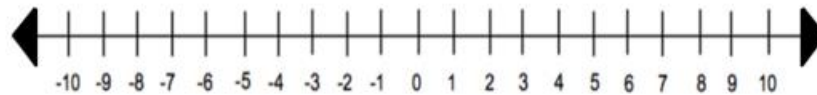
3)  $x < -5$



4)  $w \leq 0$



5)  $n \geq -9$



## WEEK 6 - MATH ASSIGNMENTS

April 27 – May 1

### Equations and Inequalities

Friday, May 1

#### Assignment:

Complete problems 1 – 5.

- 1) Circle all the values that make the inequality true.

$$x > 7$$

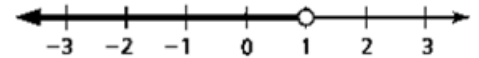
|   |   |   |   |
|---|---|---|---|
| 2 | 6 | 8 | 7 |
|---|---|---|---|

- 2) Circle all the values that make the inequality true.

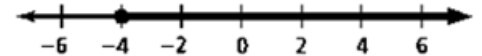
$$x \leq 10$$

|   |    |   |    |
|---|----|---|----|
| 7 | 16 | 4 | 10 |
|---|----|---|----|

- 3) Write an inequality statement that represents this graph.



- 4) Write an inequality statement that represents this graph.



- 5) Choose the graph that best represents the inequality  $x < 11$ .

$$x < 11$$

- a)   
A number line with arrows at both ends, ranging from -44 to 88. There is an open circle at 11, and the line is shaded to the left of 11.
- b)   
A number line with arrows at both ends, ranging from -44 to 88. There is a closed circle at 11, and the line is shaded to the left of 11.
- c)   
A number line with arrows at both ends, ranging from -44 to 88. There is an open circle at 11, and the line is shaded to the right of 11.
- d)   
A number line with arrows at both ends, ranging from -44 to 88. There is a closed circle at 11, and the line is shaded to the right of 11.