Name_____

Date _____
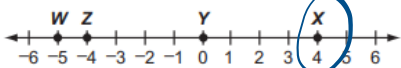
1) Which point on the number line below represents the **opposite** of - 4?

    Ⓐ W   Ⓒ Y

    Ⓑ X   Ⓓ Z

2) The latest animated movie changed places on the hit movie list. This change is represented by the integer 5. Which statement BEST describes the meaning of this integer?

A) The movie is number 5 on the list.   B) The movie moved 5 places up on the list.

C) The movie is number -5 on the list.   D) The movie moved 5 places down on the list.

3) Which city in the table below recorded the **warmest** winter temperature?
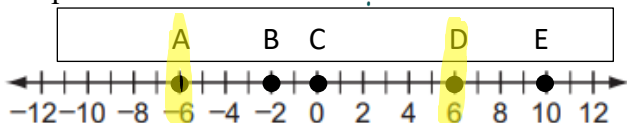
City	Temperature (°F)
Maryville	-16
Johnville	9
Fayettville	-3
Springfield	19

A) Maryville

B) Johnville

C) Fayettville

D) Springfield

4) Mark's bank account has a value of $65. Money is then **withdrawn** from the account. Which could represent the value of the account now? (Select **all** the correct answers)

A) $80   B) -$5   C) $55   D) $20   E) $70

5) Which points on the number line below have the same absolute value?

OPPOSITES
SAME DISTANCE FROM ZERO

A) D and A   B) B and E

C) C and B   D) A and E

6) A seagull is flying 30 meters above sea level. A seahorse swims at -18 meters, and a sea scorpion swims at -30 meters.

The seagull's distance from sea level is ____B____ the seahorse's distance from sea level.

A) The same as   B) greater than   C) less than

The _____ is the **least** distance from sea level.

A) Seagull   B) seahorse   C) sea scorpion

SeaGull 30
Sea Level Zero
Seahorse -18
Sea Scorpion -30

closest

7) At the end of a quiz game, John scored -8 points, and Amy scored -10 points **Write an inequality** to compare the points John and Amy scored.
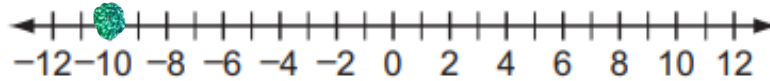
$$-8 > -10$$
$$-10 < -8$$

> < =

8) Michael went scuba diving, and stopped at an elevation of -10 feet. **Plot his elevation on the number line.**

9) The table below lists the results of a tug of war.

Team	Scores
Maryville	-16
Johnville	9
Fayettville	-3
Springfield	19

Write the **scores** in order from **greatest to least.**

19, 9, -3, -16

10) Simplify each absolute value: = DISTANCE FROM ZERO

a) $|-3| =$ __3__   b) $|7| =$ __7__   c) $|-10| =$ __10__   d) $|-25| =$ __25__

DISTANCE CANNOT BE NEGATIVE

e) Compare using $<$, $>$, or $=$

$|-8|$ ____ $|5|$

$8 > 5$

Simplify the Absolute Value BEFORE Comparing ☺

1) Bring your completed quiz to me.
2) Look at your list of tasks.
3) Once you have completed your list of tasks, bring your task list to me for my signature.

Name _____