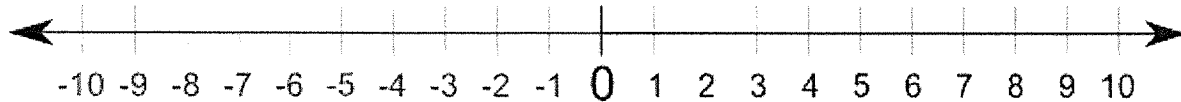


Name: _____

Period: _____

INTEGERS

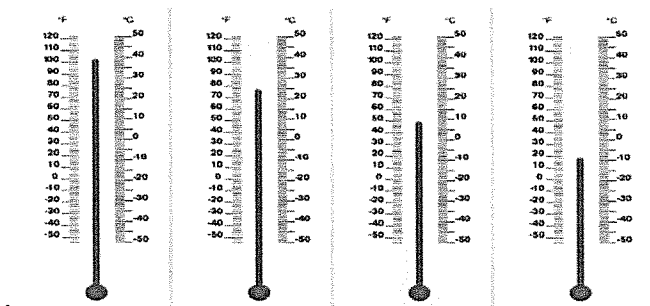
Integers are positive and negative whole numbers, including zero. Number lines can be used to represent integers.



The arrows indicate that the number line goes on indefinitely in both directions.

- ❖ **Positive Integers** – are all the whole numbers greater than zero. These numbers are to the right of zero on the number line. A number with no sign is considered positive.
- ❖ **Negative Integers** – are all the numbers less than zero. These numbers are to the left of zero on the number line.

Number lines can be either horizontal or vertical. A thermometer is a good example of a **vertical number line**



Distance is an **horizontal number line**



Distance ?

Can you think of other real-life examples of number lines?

A. Real-Life Integers

Write the integer in the box that best represents the situation described.

1. You found \$5		2. You dove 7 meters		3. 10° above zero	
-	+	-	+	-	+
4. Your temperature is 3 degrees above normal		5. 20 feet below sea level		6. 12 steps backwards	
-	+	-	+	-	+
7. The elevator went down 4 floors		8. A withdrawal of \$15		9. A loss of 8 yards	
-	+	-	+	-	+

Write a real-world situation that can be represented by each integer given.

-	+ 1	- 9	+	-	+25

Name : _____

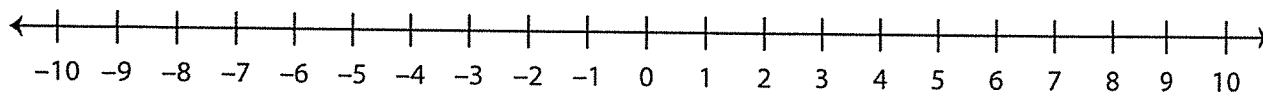
Score : _____

Number Line - Integers

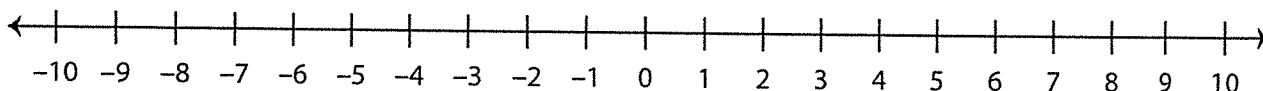
ES1

A) Mark the integers on the number line.

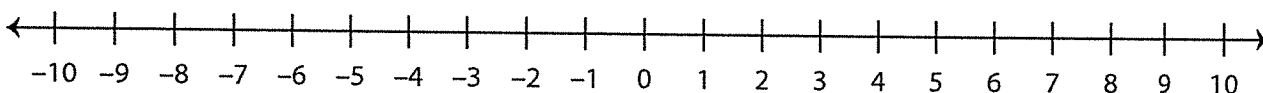
- 1) a) -2 b) 7 c) -5 d) 1



- 2) a) 9 b) -4 c) 3 d) -8



B) Answer the questions using the number line below.



1) 2 units to the left of 3 is _____

2) 6 units to the right of -1 is _____

3) 4 units to the left of -4 is _____

4) 3 units to the right of 7 is _____

5) 1 unit to the left of 10 is _____

6) 5 units to the right of -6 is _____

7) 8 units to the left of 5 is _____

Plotting integers on a number line: Worksheet 1.1

Name Date Score

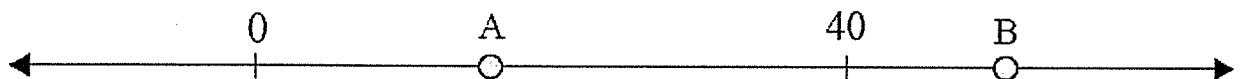
1. Which letter best shows -31 ?



2. Which letter best shows -101 ?



3. Which letter best shows 52?



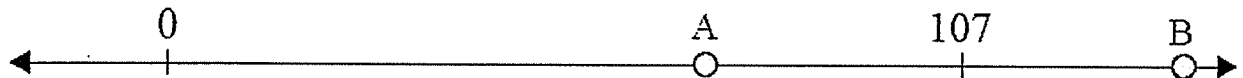
4. Which letter best shows 72?



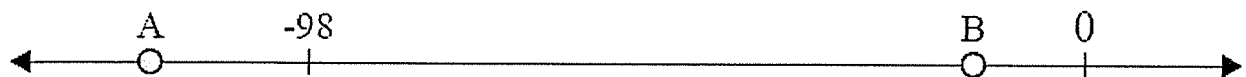
5. Which letter best shows -47 ?



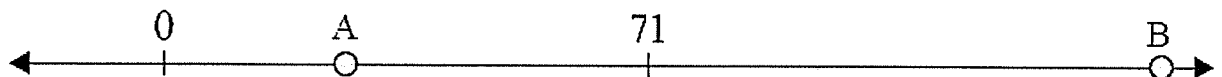
6. Which letter best shows 130?



7. Which letter best shows -115 ?



8. Which letter best shows 160?



9. Which letter best shows -83 ?



10. Which letter best shows 8?

