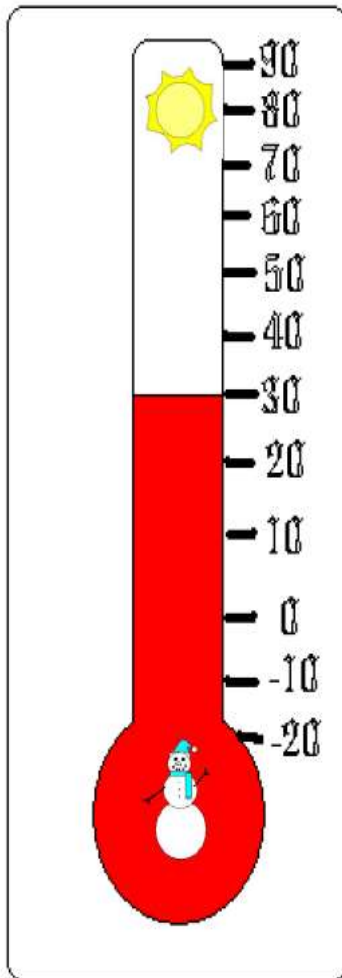


Algebra Unit 0-Back to Basics Review
Day 1 Notes
Operations With Integers

Name _____
 Date _____ Hour _____



Write an appropriate temperature for the given condition.

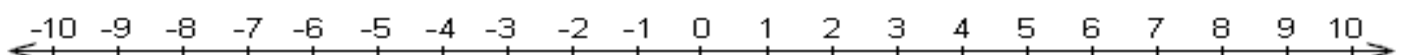
- 1.) A hot and sunny day.
- 2.) A cool spring day.
- 3.) A snowy day.
- 4.) Write a temperature of 10 degrees below zero.
- 5.) Label where 5 below zero would be on the thermometer.
- 6.) Which is colder, 10 below zero or 15 below zero? Why?

7) Put the following temperatures in order from *coldest* to *hottest*.

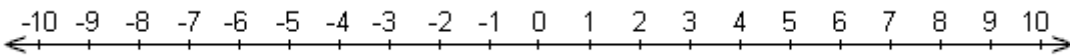
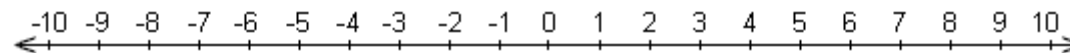
Location	Temperature
Prince Frederick	70°F
Anchorage	32°F
Kazakstan	-40°F
Honolulu	83°F
Sydney	72°F
Amsterdam	35°F
South Pole	-55°F

8) How much colder is it at the South Pole than in Kazakstan?

A thermometer is a vertical number line. The number line below is horizontal.



You must be able to compute integer operations without a calculator.

Integer Addition	$2 + 3$	$-2 + 3$	$2 + -3$	$-2 + -3$
	 A horizontal number line with arrows at both ends, labeled from -10 to 10 in increments of 1.			
Integer Subtraction	$6 - 4$	$-6 - 4$	$6 - (-4)$	$-6 - (-4)$
	 A horizontal number line with arrows at both ends, labeled from -10 to 10 in increments of 1.			
Integer Multiplication	$5 \cdot 2$	$5 \cdot -2$	$-5 \cdot 2$	$-5 \cdot -2$
Integer Division	$24 \div 8$	$24 / -8$	$-24 \div 8$	$-24 / -8$

Summary:

Homework: Unit 0 Day 1 Worksheet. DO NOT USE A CALCULATOR!