

Integer "QUIZZY"

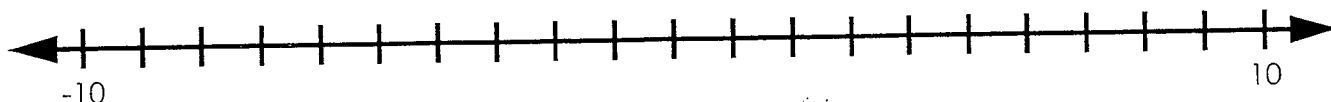
N7: _____

Name: _____

Date: _____

Outcome: Demonstrate an understanding of integers concretely, pictorially and symbolically.

1 a. Label these integers on the number line: -6, 8, -9, 0, 2, -2



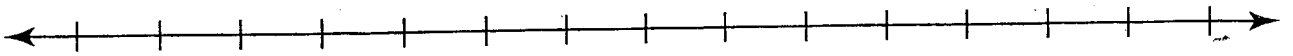
b. On a number line, **positive** numbers are located _____ of zero.
(right or left)

c. On a number line, **negative** numbers are located _____ of zero.
(right or left)

d. On a number line, -5 would be located _____ of 5.
(right or left)

e. On a number line, -30 would be located _____ of -20.
(right or left)

2. How do you know that $-2 > -6$? Use a number line. Explain + put on line \bar{z}



3. Elements melt and freeze at different temperatures. Order these temperatures from coldest to warmest. Show your work.

Melting Points of Elements

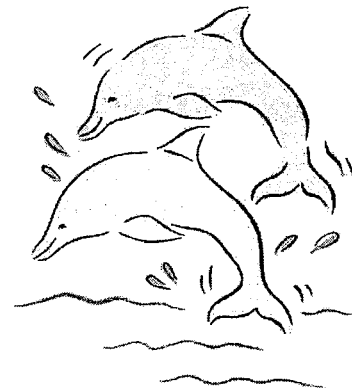
Melting Point of Chlorine	Melting Point of Helium	Melting Point of Salt	Melting Point of Silver	Melting Point of Mercury
$-101\text{ }^{\circ}\text{C}$	$-272\text{ }^{\circ}\text{C}$	$+98\text{ }^{\circ}\text{C}$	$+961\text{ }^{\circ}\text{C}$	$-38.72\text{ }^{\circ}\text{C}$

4. Compare. use the symbols: $<$, $>$, and $=$.

a. 3 _____ -5 b. -10 _____ 0

c. -7 _____ 7 d. -1 _____ -1

e. -8 _____ -2 f. 14 _____ -15



5. Circle the integer with the greatest value.

a) 4 -5

c) -16 -14

b) -51 7

d) 57 75

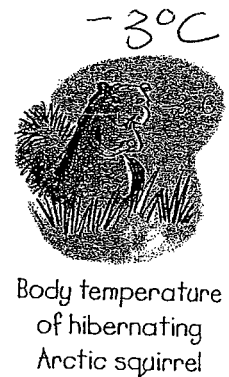
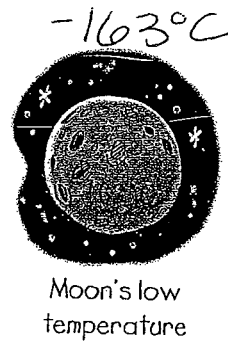
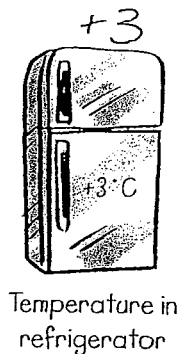
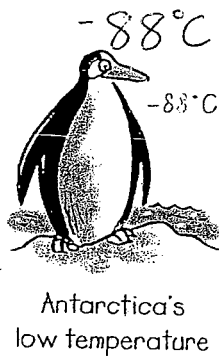
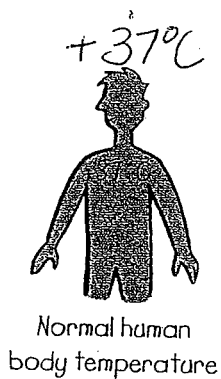
6. Answer the questions. - circle your answer.

a) Which is colder: -3°F or 0°F ? _____

b) Which is warmer: -13°C or -10°C ? _____

c) Which is a higher elevation:
40 feet below sea level or 14 feet below sea level? _____

7. Order these temperatures from coldest to warmest.
Show your work.



Ordering Integers

8.

Order the integers from least to greatest.

a) 5, -7, 6, -2, 0

b) -42, -75, 69, 28, 64

9.

Order the integers from greatest to least.

a) 4, -4, 6, -8, 0

b) 44, -25, 63, -32, 41

10.

This week Sage spent \$30 for hot dogs and supplies. He earned \$18. Did he make money or lose money this week? Explain.

11. Which of the following numbers is less than 0 and greater than -7 ?

A. -8

B. -3

C. 3

D. 7

12. Which of the following numbers is less than -5 ?

A. 5

B. 0

C. -2

D. -10

