

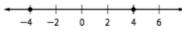
NOMEWORK Name Unit ___ Lesson ___ Due Date

Lesson 1 Homework Practice

Integers and Absolute Value

Write an integer for each situation. Identify its opposite and describe its meaning. Then graph the integer and its opposite on a number line.

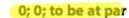
an elevator ascends 4 floors



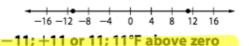
2. to be at par



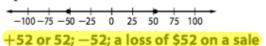
+4 or 4; -4; an elevator descends 4 floors 0; 0; to be at par



3. 11°F below zero



4. a profit of \$52 on a sale



Replace each \bullet with <, >, or = to make a true sentence.

Evaluate each expression.

Evaluate each expression if a = -3 b = 0, and c = 1.

26.
$$|a| - |c|$$
 2

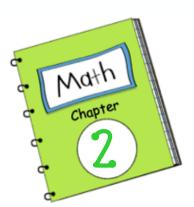
27.
$$|a| + |c|$$
 4

$$\begin{vmatrix} 28. & |ab| + c \\ -3.0 & |+1 = 0 + | = 1 \end{vmatrix}$$

30.
$$c + |-5|$$
 6

31.
$$c + |5|$$
 6

32. At 6:15 A.M. the temperature was $-8^{\circ}F$. At 12:15 P.M. the temperature was $-12^{\circ}F$. At 6:16 P.M. the temperature was -10° F. Order the temperatures from least to greatest. -12°F, -10°F, -8°F



regues. Integers

Date	Lesson	Topic/Assignment
9/28	I	Integers and Abs Value. Video Notes
9/29	1	HW Practice WS
9/29	1	Abs Value Examples
9/29	ALL	Operations with Integers Foldable

Absolute Value Examples/Notes:

Challenge: |-9|-|-5+7|+|12|=

Today we will glue your foldable and fill out the top part: How do I add integers with the same sign?

Under the question, write:

Add their absolute values.

The sum is positive if both integers are positive.

The sum is negative if both integers are negative.

Examples: 3+4=7 -2+(-4)= -6

How do I add integers with different signs?

Under the question, write:

Subtract their absolute values.

The sum is <u>positive</u> if the <u>positive</u> integer's absolute value is greater.

The sum is <u>negative</u> if the <u>negative</u> integer's absolute value is greater.

Examples: 7+(-11) = -4 -2+9=7



to rowrow your boat

JJ same sides add and keep differnt Sides subbtract Keep the sign of the bigger number then youll be exact. J