



Name _____ Period _____ Date _____

Opposites

1. Write the opposite of “**up** 3 floors”. down 3 floors _____
2. Write the opposite of “**east** 3 miles”. _____
3. Write the opposite of “**spend \$20**”. _____

In Math, we use integers to represent opposites. For example, ‘**up** 3 floors’ would be written +3 or simply 3; ‘**down** 3 floors’ would be written -3. (Remember the negative **must** be shown but the positive sign is optional.)

4. Write the number that represents the given situation, then write its opposite.

example	number	opposite	example	number	opposite
Gain 10 pounds			6 miles north		
Lost 5 yards			20° below zero		
8 blocks west			1,000 ft. above sea level		
Withdrawing \$100			20% decrease		

5. Write the opposite of each integer.

-7 ____ 2 ____ 0 ____ -3 ____ 14 ____ -17 ____

6. Explain how you know that -4 and 6 are not opposites.

7. When opposite situations (or opposite numbers) are combined, what is the end result? For example, Jack goes 3 floors up in the elevator and then comes 3 floors down in the elevator.
