

Review: Adding and Subtracting Integers

Adding Integers:

When the signs of BOTH numbers are the SAME, the answer will _____.

- 1.) _____ the PLAIN NUMBERS
- 2.) If both numbers are positive, the answer is _____!
If both numbers are negative, the answer is _____!

Both negative:	Both positive:

When the signs of both numbers are DIFFERENT:

- 1.) (Ignoring the signs) _____, taking the smaller digit away from the bigger digit
- 2.) Your answer will have the SAME SIGN that the _____ digit has

$$-8 + 2$$

If we ignore the negative sign, 8 is a larger digit than 2!

Example #1	Example #2:	Example #3

Subtracting Integers:

- 1.) ALWAYS!!!!!! _____ in between the 2 numbers (_____), AND the sign of the _____ (NEVER CHANGE ANYTHING ABOUT _____)
- 2.) Follow the rules for addition above

Example #1	Example #2	Example #3	Example #4

TIPS AND TRICKS:

- **Using a number line**
 - Be sure that your starting point on the number line is the FIRST number given to you in the problem
 - If you are subtracting: CHANGE, CHANGE first! If you are adding, skip to the next step
 - If the second number is positive, move to the right. If the second number is negative, move to the left
- **Think about a bank account situation or borrowing money from a friend**
 - If the number is negative, it means you don't have it/you owe it/you are in debt
 - "talk out" the scenario in your head

Multiplying and Dividing Integers:

If BOTH numbers have the same sign, the answer will be _____.

If the numbers have different signs, the answer will be _____.

Examples: