



Arithmetic Properties: Tips

- **Place value matters!**
 - It is very important to **remember all of the place values**, even the ones behind the decimal point.
 - You might think that you don't use them that much, but you do!
 - **You will have to use these place values throughout the pre-algebra and algebra courses**, so it is good to know them now.
- **Know how to write in expanded form.**
 - It doesn't seem that important, but it is. You will be quizzed and tested on this in the beginning of the pre-algebra course.
- **MEMORIZE PEMDAS!**
 - It is very helpful to memorize this!
 - Order of operations will be used for the rest of your courses in math!
 - **Even in hard courses like Calculus**, it is good to memorize **PEMDAS**.
- Be able to **recognize rational and irrational numbers**.
 - It is good to know rational and irrational numbers because they can sometimes **help you figure out how to solve a problem**.
 - They will also **let** you know if this problem will be time consuming or not.
- **Learn your Properties!**
 - Even though properties seem useless, which, believe us, we think they are, can be very **helpful** in solving problems where you don't know what to do.
 - You can apply these properties to solving difficult problems.
 - You can also use properties to **check your work!**