1. The most important aspect of you learning math is ____________.
   A bartender is expecting 300 people at a party where 1/4 of them have already paid for 3 Coronas each. If each Corona is served with 1/8 of a lime, how many limes will he need?
   It takes 42 gallons of water to produce 1 pound of broccoli. If this is twice the amount of water it takes for lettuce, how many gallons of water does it take to produce 3 pounds of lettuce?
   Tom walks from the sandbox to the slide in 5 minutes. Sarah walks from the sandbox to the slide in 8 minutes. If they leave the sandbox at the same time walking back and forth from the sandbox to the slide, in how many minutes will it be until they meet at the slide?
   The area of a triangle is 20 square cm. The height is an odd prime number and is shorter than the base. Find the dimensions.

2. I am a number smaller than 30. I am odd. I am not divisible by 5. If you double me, I will be smaller than 40. Half of me is larger than 6. If I am multiplied by myself, the last digit of the answer is not 9. What number am I?
   Eric is 2 years older than Sean. The product of their ages is 255. List, youngest first, each of their ages.
   Your roommate took your car and used 1/5 tank of gas. If you were already down to a half a tank, what fraction of your entire gas tank did he leave you?
   How many fractions are greater than 1/2 and less than 1/7?
   How many fractions are greater than 1/10 and less than 1/3?

3. Before a sales seminar, 36% of the people said they would buy an Ajax brand carpet cleaner. After the seminar 40 of the people changed their mind and now 56% of the people said they would buy the carpet cleaner. How many people attended the seminar?
   The perimeter of a rectangle is 84. The length of the rectangle is 2 less than 3 times the width. Find the dimensions of the rectangle.
   A total of $12,000 is invested in two funds paying 9% and 11% simple interest. If the yearly interest is $1,180, how much of the $12,000 is invested at each rate? (Simple interest is found by multiplying the amount invested by the rate)
   What is 20% of 325?
   Every year, the value of a car is worth 75% of how much it was the previous year. What is the value of the car after ten years if it was originally worth 20,000?