Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_

**Spiral 17: Due 3-3-2017 NO CALCULATORS!!!!!!!**

***Set up a proportion to swolve each problem. Show ALL work to receive credit!!!***

1. The ratio of boys to girls is 3 to 2. If there are 12 boys, how many girls are there?
2. It takes one Jetts Pizza to feed 3 people. I you are inviting 36 people over, how many pizzas will you need?
3. At a recent party at the Sports Connection, it cost $60.00 for chips and a soda for 10 guests. At this rate, how much would it cost to have refreshments for 80 guests?
4. Aziyah has saved $37.50 in the past 3 weeks. At this rate, how much money will she have saved in 15 weeks?
5. Ms. Smith was paid $190 for a job that required 40 hours of work. At this rate, how much would she be paid for a job requiring 60 hours of work?
6. The park ranger stocks the fishing pond regularly to keep the ratio of fish at 4 sunfish to 6 perch. If he puts 300 sunfish into the pond, how many perch will he need to add to the pond?
7. Ja’Lisa was planning a cookout. She knows that 2 pounds of meat will serve 5 people, how many pounds of meat will she need to serve 23 people?
8. Jacob was helping his dad to plant a new tree. They were going to have to dig the hole for the tree so that it was 3 feet deep for every 5 feet of the tree height. How deep should they dig the whole for a tree that is 17 feet tall?
9. A certain shade of green paint is made from 5 cans of yellow paint mixed with 3 cans of blue paint. If 7 cans of blue paint are used, how many cans of yellow will be needed.
10. If it takes 150 minutes to cook a turkey that weighs 6 pounds, how long should it take to cook a 9 pound turkey?