

**Math Skills-Division****Section I: Level C. 65 points Maximum**

1. Write down 3 examples of utilizing division in the “real world” today (5 pts.)
2. Create flash cards of the following vocabulary words with the word on the front and the definition on the back: divisible, divisor, dividend, and quotient. (10 pts.)
3. Create and present or perform a poem or song that discusses the relationships between the vocabulary words listed in number 2 above. (20 pts.)
4. Design and create a poster that lists the divisibility rules. (15 pts.)
5. Create your own acronym for the steps in the process of long division. (5 pts.)
6. Be involved by taking notes and discussing the lesson. (5 pts/day 1 2)
7. Read pages 214-216 in the Saxton Math 54 book and complete the 6 practice problems on page 216. (10 pts)
8. Play Division Matho on your laptop at [aplusmath.com](http://aplusmath.com) to memorize your division facts. (10 pts.)
9. Complete the Did You Hear About joke sheet. You may use a calculator to assist you, but you will need to know how to figure out the correct remainder. (10 pts.)
10. Complete the What’s the Number puzzle in the Middle School Math Challenge Book. Show all of your calculations and be prepared to discuss the strategies you used to solve it. (10 pts.)
11. Write down a list of all of the division facts. Study and learn them. (10 pts.)
12. Define division and remainder. (5 pts.)

**Section II: Level B. Choose only one. (20 points.)**

1. Prepare a slide show demonstrating the process of long division using two and three digit numbers. Explain if this process easier or more difficult than partial quotients division for you.
2. Complete the Big Money problem from the Middle School Math Challenge Book. Show all of your calculations and be prepared to discuss the strategies you used to solve it.

**Section III: Level A. Choose only one (20 points.)**

1. The United States currently has a deficit of about \$12.5 trillion. Do research to find the population of the US, then determine the estimated amount each citizen owes in order to get the deficit to \$0. Write a half to a one page report on your findings. Discuss the impact of defense spending and national healthcare on the deficit and be sure to include your calculations in your report.
2. You are in charge of hiring teachers at a school where about 450 students are enrolled. Create a list of the number of teachers that would be needed and the subject(s) each would teach. Make sure to take into account class size and include both core and global teachers on your list. Be prepared to discuss the list and defend your decisions.