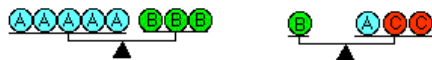


Page 1 must be handed in tomorrow. Page 2 we will discuss in class!

Sam's coin jar contains \$20.80. The jar contains only nickels, dimes, and quarters. There are 50 more nickels than dimes, and 60 fewer quarters than dimes. How many coins of each type were in the jar?

A man purchases some 2-cent and some 15-cent stamps at the same time. He pays \$1.56 for all the stamps. There are 10 more 2-cent stamps than 15-cent stamps. How many of each kind did he buy?



**How many 'C' balls does it take
to balance one 'A' ball?**

Page 1 must be handed in tomorrow. Page 2 we will discuss in class!

The Green family is planning a 4-day vacation in Florida and needs to rent a car while there. They researched and found the following options.

***Weekly Rate 1** \$329 per week, unlimited mileage.

***Weekly Rate 2** \$219 per week, plus 12 cents per mile.

*Partial week charged at a full week's price.

****Daily Rate 1** \$50 per day, unlimited mileage.

****Daily Rate 2** \$40 per day plus 3 cents per mile.

**Partial days charged at a full day's price.

The Greens expect to drive 600 miles. They must decide which plan to choose. Help them decide. Include all equations and/or calculations that you use.