Maths Riddles 3

Activity: Work in groups of three. Find the answers to the following questions and write the maths equations on paper. Once you have finished the exercise, check your work with your group members. Finally, you will have to write the answers on the whiteboard, explain them and the maths used.

1. I have three boxes of cereals. Each box contains 500 Grams of cereal. What is the total weight of the cereal?

2. There are three Petri dishes in a chemistry lab. One petri dish has 600 milligrams (mg) of sugar granules, and the other has 400 milligrams (mg). The last one has 0.5 kg. What is the total weight of sugar granules in grams (g)?

3. How many milligrams (mg) make one gram (g)? How many grams (g) make one Kilogram (kg)?

4. How many Kilograms make one Stone?

5. How many kilograms make one Ton (metric Ton – (t)?

6. How many pounds (lb) make one kilogram (kg)?

7. The retailer has one Ton of flour. He wants to distribute the flour equally in twenty bags. How much flour will each bag have in kilograms?

8. Three big trucks need to cross a bridge. The bridge has a limit of weight it can carry. It is written on the board that the bridge cannot take more than 200-Stone weight. Truck A is 1500-kilogram, Truck B is 2200-kilograms, and Truck C is 989-kilograms. Which truck/trucks will be allowed to cross the bridge?

9. Following is my shopping list: What is the total weight of all things on the list?
    a. 500 grams loose tea
    b. 500 grams red chilli powder
    c. 2 kg beans
    d. 10 kg rice
    e. 10 kg flour
    f. 3 kg sugar
    g. 1 kg salt

10. A normal car weighs around 2871 pounds (lb). How much will 10 cars weigh in kg?

11. Object A = 100 kg / Object B = 1100 kg / Object C = 1 Stone / Object D: 3000 grams
    Which of these objects is the heaviest and which is the lightest?