Due in Friday 31st January 2020

As you did last week, choose either Challenge 1 or Challenge 2 and complete it in your homework books. Good luck! 😊

Challenge 1 - Converting Units of Mass – copy and complete the following conversions. Remember that if the unit is getting larger then the number must be smaller, and vice versa.

e.g.   550g = 0.5kg

1.   10g = ___mg
2.   4000mg = ___g
3.   400g = ___kg
4.   7.5kg = ___g
5.   500mg = ___g
6.   4.25g = ___mg
7.   255g = ___kg
8.   0.62kg = ___g
9.   50g = ___kg
10.   2kg = ___mg (you may need to do two steps for this one!)

Challenge 2 - Word Problems – Read these problems carefully and solve them in your homework books. You don't need to copy out the questions but you should show any written working.

1. One apple weighs 250g. How much do 12 apples weigh?
2. A box of oranges weighs 3.5kg. There are 70 oranges in a box. What is the weight of an orange?
3. A carton of soap weighs 4kg. There are 200 bars in a carton. What is the weight of one bar of soap in grams?
4. Each tin of soup I bring for lunch is 350g. If I put 12 of them into my bag, how many kilograms of soup am I carrying?
5. Andy has two parcels. One of them weighs 800g and the other one is twice as heavy. What is their combined weight?
6. Beth unpacks 4 boxes of paper which weigh should 2.3kg each, but the last one is half of that weight. How many kilograms of paper did she unpack altogether?
7. A delivery man carries a bag weighing 5.8kg, but 3400g worth of contents fall out after he takes a sharp bend. How much does the bag weigh now?
8. A container ship carries 7.5 metric tonnes (one ton = 1000kg) of cargo to three ports and returns with just 675kg. How much cargo was delivered altogether?
9. Carl weighs twice as much as his younger sister Doris, but half of the weight of his older brother Ed. If Doris weighs 27kg, what is their combined weight?
10. A sugar cube weighs 4g. How many cubes can be made from a block of refined sugar weighing half a metric ton?