SUBTRACTING DECIMAL NUMBERS

Today we are going to have a look at subtracting decimals. Let's review a few things:

Words you might see when asked to subtract are: difference, less, decrease, reduce, dropped, lost, how many more, how many are left, fewer, remains.

Again, take care to keep your digits in their proper place so you subtract tens form tens, ones for ones, and so on.

Let's begin…
(Set your sums out in vertical format so that your decimal points are lined up in a straight vertical line.)

1) Mani bought a roll of ribbon which was 4m in length. She cut 0.15m off the end. What length of ribbon remains on the roll?

    3.85m

2) Rai went on an epic bike riding trek. His entire journey was 215km. When he had travelled 67.3km how far did he still have to travel?

    147.7km

3) At the start of the school day Rufus checked the temperature outside. It was 4.3 degrees. By 3pm, when he checked again it had risen to 17.2 degrees. By how much had the temperature risen?

    12.9°C

4) At the Class 7's fundraiser, Elayna was serving lemonade from a jug. She poured the first drink into a glass which held .35L. How much was left in the jug if it originally held 2.6L of lemonade?

    2.25L

5) China and Japan are two of the world's biggest car manufacturers. In 2010 China produced 13.9 million cars while Japan produced 8.3 million. How many more cars did China produce than Japan?

    5.6 million

6) Nat had a block of wood 9cm thick. From one side he planed off 0.3cm and from the other side he planed off 0.45cm. What was its final thickness?

    8.25cm

7) Tessa, Viola and Audrey went on a holiday together. When they got to the airport, their hand luggage was weighed for boarding. Tessa's weighed 7.43kg, Viola's weighed 9.99kg and Audrey's weighed 2.1kg. If the baggage limit per person is 7kgs, how can they redistribute their luggage so all three can board the plane? (Write the weights of the bags to show how you rearranged the luggage. Tip: this question has many solutions – you can show one.)

    One solution:
    T = 7kg (give .43 to Audrey)
    V = 7kg (give 2.99 to Audrey)
    A = 5.53kg (2.1 + .43 + 2.99)