Watch the white rose adding and subtracting weight video:

https://www.bbc.co.uk/bitesize/articles/z7mwr2p

Answer the adding and subtracting mass word problems below. Remember that if the question is in 2 different units of measure (one is in kg and another in g), you will need to CONVERT so that they are both in the same unit before adding or subtracting.
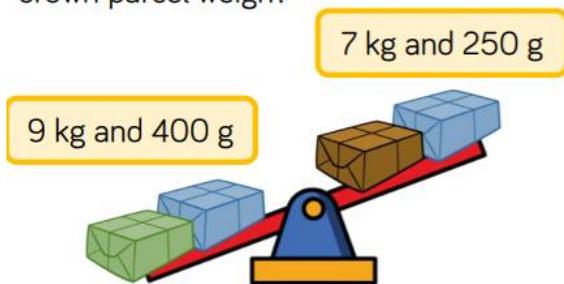
1. Gillian is carrying 10kg worth of leaves and twigs for her dinner. Geoffrey comes and snatches some! Although it means she has less to eat, it also makes it a lighter load for Gillian, now weighing 3kg. How much did Geoffrey snatch?

2. Miss Brearey needs 350g of flour for her cake baking. She only has 215g. How much more does she need?

3. Miss Brearey uses 200g of chocolate and 75 g of double cream to ice 2 of her infamous chocolate cakes. How much icing does she have altogether?

4. Mr Castledine has used a lot of grit this month! On a particularly icy day he could use about 4 ½ kg! If he starts with 10kg in his store, how much will he have left after one icy day?

5. During half term, Miss Brearey treated herself to 2kg of picnmix sweets…! She ate 850g in the first half of the week, how much did she have left for the second half of the week?

6. Mr Jones gets a huge amount of potatoes in his fruit and vegetables box one week. He uses 350g over the weekend and finishes the 675g left making his lunches ahead for the week. How big was his bag of potatoes in total?

7. Mrs Hallsworth is busy buying up her Easter eggs for her family already! She buys each of her 2 children a 700g chocolate each and her husband a gigantic 1kg and 200g chocolate egg! How much chocolate does she have altogether?

8. Miss Brearey was very busy over half term redecorating and painting. She bought tins of paint that weigh 5kg each! She works out she has used 3200g of paint so far. How heavy is the paint that is left?

3 Challenge Questions

The green parcel weighs 5 kg. Can you work out what the blue and brown parcel weigh?

7 kg and 250 g

9 kg and 400 g

How much would the green and brown parcel weigh altogether?

Dora buys two peaches and three pears.

One peach weighs 75 g.

Three pears weigh the same as two peaches.

How much does one pear weigh?

$$7 \text{ kg} - \boxed{} = 5\frac{1}{2}\text{ kg}$$

$$3 \text{ kg and } 200 \text{ g} + \boxed{} = 4\frac{1}{2}\text{ kg}$$