Thursday 9th July 2020   Y3 Maths

Good morning Year 3s, for maths today, go to https://whiterosemaths.com/homelearning/year-3/ and look for Summer week 11, lesson 3, and watch the teaching video, **'Add and subtract mass'.** Then there are some questions to answer below.

Remember that you need to **SUBTRACT** to find the **DIFFERENCE** – drawing a bar model will help you.

Add and subtract mass

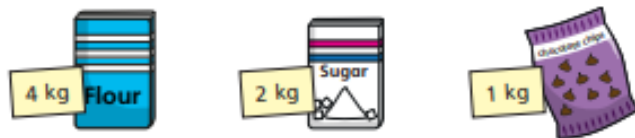**1** Teddy is measuring the weight of some fruit.
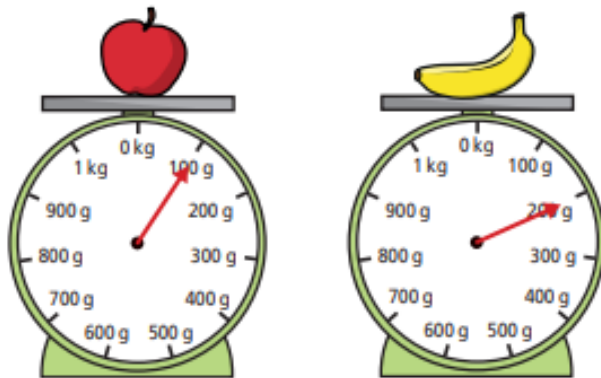
a) What is the weight of the apple?   ☐ g

b) What is the weight of the banana?   ☐ g

c) Teddy puts both pieces of fruit on the same scale.
   What is the total weight of the
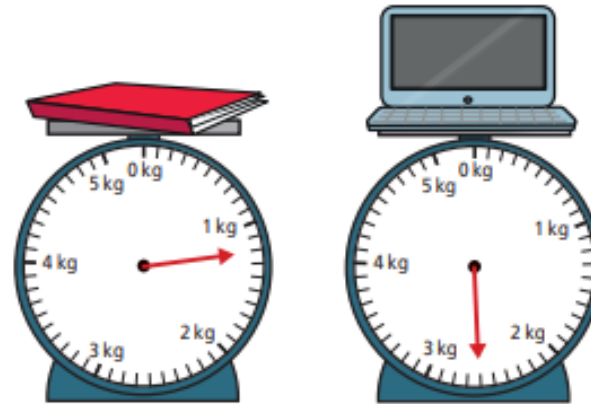   apple and the banana?   ☐ g

2 Alex is measuring the weight of some ingredients.

4 kg Flour   2 kg Sugar   1 kg

What is the total weight of the ingredients?   ☐ kg

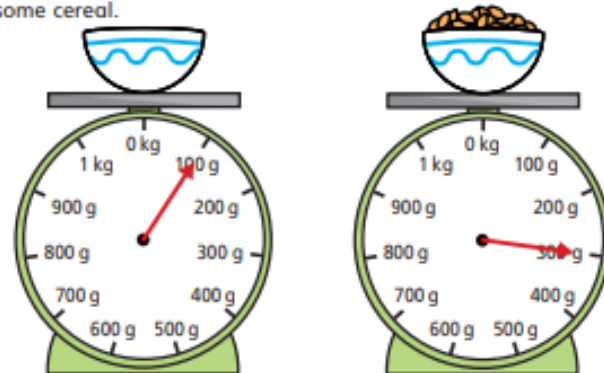**3** Ron is measuring the mass of some objects in the classroom.

Ron puts both objects on the same scale.

What is the total mass of the objects?

☐ kg and ☐ g

4 Aisha is weighing out some cereal.

First she puts the bowl on the scales. Then she pours out some cereal.

What is the weight of the **cereal** in the bowl?   ☐ g

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5 A dog weighs 8 kg and 200 g when it is 8 weeks old.

The same dog weighs 12 kg and 900 g when it is 12 weeks old.

What is the difference in the dog's weight between 8 and 12 weeks?

[ ] kg and [ ] g

6 The mass of a tin is 450 g.

The mass of a book is 300 g.

450 g

300 g

Draw books on the scales to balance the tins.

7 Complete the number sentences.

a) 1 kg 250 g + 5 kg 300 g = [ ] kg [ ] g

b) 3 kg 450 g + 8 kg 120 g = [ ] kg [ ] g

c) 15 kg 960 g − 11 kg 270 g = [ ] kg [ ] g

d) 36 kg 317 g − 21 kg 199 g = [ ] kg [ ] g

e) 1 kg − [ ] g = 200 g

8 Tommy and Rosie are working out the total weight of the box and the suitcase.

1 kg 700 g

4 kg 500 g

The total weight is 5 kg and 1,200 g.

Tommy

The total weight is 6 kg and 200 g.

Rosie

Who is correct? _____

Talk about it with a partner.

3 Ron is measuring the mass of some objects in the classroom.

Ron puts both objects on the same scale.

What is the total mass of the objects?

3 kg and **800** g

4 Aisha is weighing out some cereal.

First she puts the bowl on the scales. Then she pours out some cereal.

What is the weight of the **cereal** in the bowl?

200 g

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7 Complete the number sentences.

a) $1 \text{ kg } 250 \text{ g} + 5 \text{ kg } 300 \text{ g} = \boxed{6} \text{ kg } \boxed{550} \text{ g}$

b) $3 \text{ kg } 450 \text{ g} + 8 \text{ kg } 120 \text{ g} = \boxed{11} \text{ kg } \boxed{570} \text{ g}$

c) $15 \text{ kg } 960 \text{ g} - 11 \text{ kg } 270 \text{ g} = \boxed{4} \text{ kg } \boxed{690} \text{ g}$

d) $36 \text{ kg } 317 \text{ g} - 21 \text{ kg } 199 \text{ g} = \boxed{15} \text{ kg } \boxed{118} \text{ g}$

e) $1 \text{ kg} - \boxed{800} \text{ g} = 200 \text{ g}$

8 Tommy and Rosie are working out the total weight of the box and the suitcase.

4 kg 500 g

1 kg 700 g

Tommy: The total weight is 5 kg and 1,200 g.
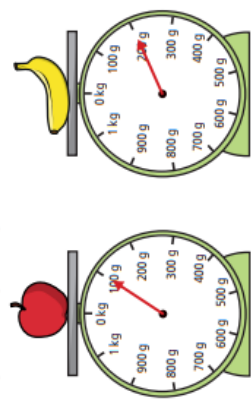
Rosie: The total weight is 6 kg and 200 g.
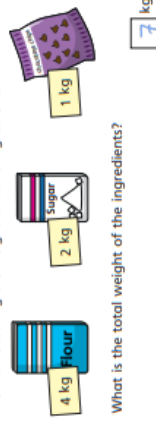
Who is correct? _Both_

Talk about it with a partner.

Add and subtract mass

1 Teddy is measuring the weight of some fruit.

a) What is the weight of the apple?

b) What is the weight of the banana?

c) Teddy puts both pieces of fruit on the same scale. What is the total weight of the apple and the banana?

100 g

200 g

300 g

2 Alex is measuring the weight of some ingredients.

1 kg

2 kg Sugar

4 kg Flour

What is the total weight of the ingredients?

7 kg

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5 A dog weighs 8 kg and 200 g when it is 8 weeks old.

The same dog weighs 12 kg and 900 g when it is 12 weeks old.

What is the difference in the dog's weight between 8 and 12 weeks?

4 kg and **700** g

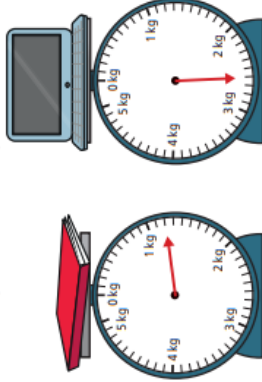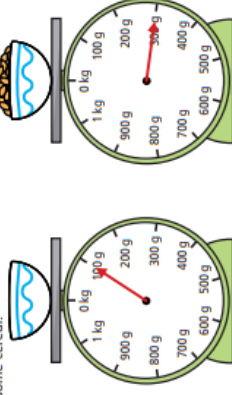**6** The mass of a tin is 450 g.

The mass of a book is 300 g.

300 g

450 g

Draw books on the scales to balance the tins.