

Monday

Daily warm up - 5 calculations from Y4 Arithmetic Exercise 4

(If this is tricky, check out the Y2 Arithmetic Exercise 4 or Y3 Arithmetic Exercise 4)

Please note: the answers appear at the end of the document so only look at them when you have completed all the calculations!

Measurement - Mass & Capacity

Mathematical Talk

How is a scale like a number line?

Reasoning and Problem Solving



How much do the potatoes weigh?

Using only 3 objects and a weighing scale, try to get as close to 1kg as possible. Explain why you chose those objects. Work out how much more or how much less is needed to make it 1kg.

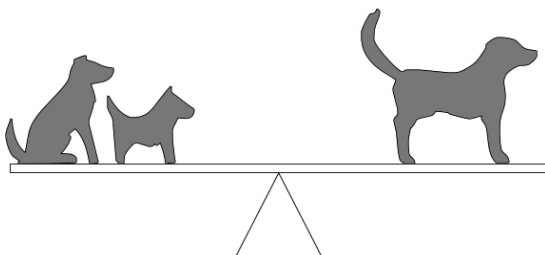
Do the same for 2kg, 3kg...

Tuesday

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Activity

Problem Solving and Reasoning

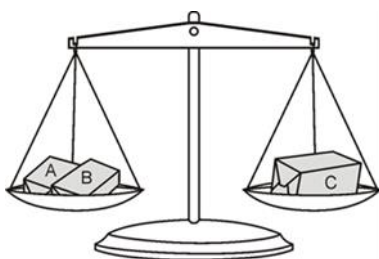


The big dog has a mass of 27 kg.

One of the smaller dogs has a mass of 16 kg.

What is the mass of the other smaller dog?

Write your own problem to go with this image.



The three parcels weigh 800 grams altogether.

Parcel A weighs 250 g.

How much does parcel B weigh?

Write your own problem to go with this image.

Wednesday

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Activity

Problem Solving and Reasoning

The bar model - if you don't know about bar models, watch the video - it may help

<https://www.youtube.com/watch?v=l6lpio8JntU>. I have drawn the bar model to go with the video...

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Problem 1



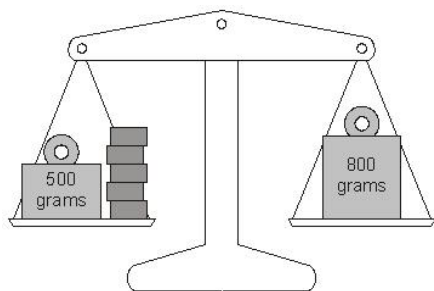
What do you notice?

The chocolate bar weighs 100 g.
How much does one muffin weigh?
How much does each side weigh?

Top Tip

You could use a bar model to work this out. Can you see that the chocolate bar weighs the same as two muffins?

Problem 2



Lin has five blocks which are all the same.
She balances them on the scale with two weights.
Calculate the weight of **one** block.

Top Tip

Can you use a bar model to work this one out too? How much do the five blocks weigh?

Thursday

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Measurement - Mass & Capacity

Mathematical Talk

What is the difference between capacity and volume?

Capacity is the amount of liquid a container can hold and the volume is how much liquid is actually in the container.

Activity

Find and draw two or three containers. What's the same and what's different about the containers?



Friday

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Activity

Water Play

Take as many different containers outside as possible and play with them. Fill them up with water, pour water from one container to another - have fun! What do you notice? Remember to tidy away.