

# Reading Scales Easter Baking Challenge Cards



## Reading Scales Easter Baking Challenge Cards

This is a set of different challenge activities for LKS2 children to practise their understanding of measuring, adding and subtracting; lengths (mm, cm, m), mass (g, kg) and volume (ml, l). Estimate, compare and calculate different measures, convert between units of measure and to solve problems using measure.

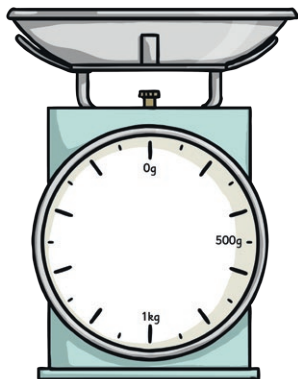


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1. To make hot cross buns I need 250g sugar, 550g flour and 150g sultanas.

Mark these quantities on the scale below.



sultanas

sugar

flour



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2. I need to mix some Easter cupcakes but all of the ingredients are on the scales at the same time. The scale reads 950g.

I know the mass of the flour is as much as the sugar and sultanas together. What is the mass of the flour?

Challenge: The mass of sugar is  $\frac{2}{5}$ , the mass of the sultanas is  $\frac{3}{5}$ . What is the mass of the sultanas?

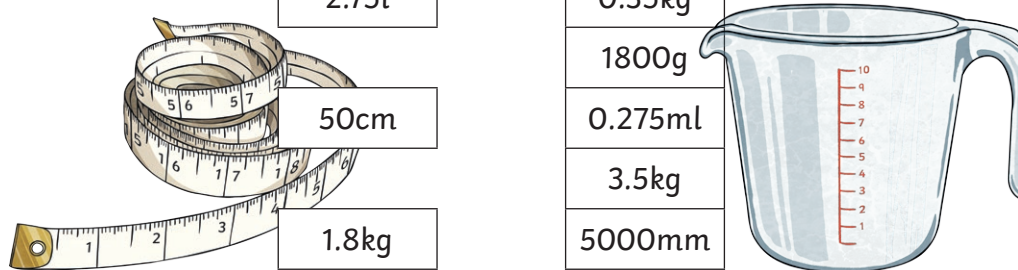


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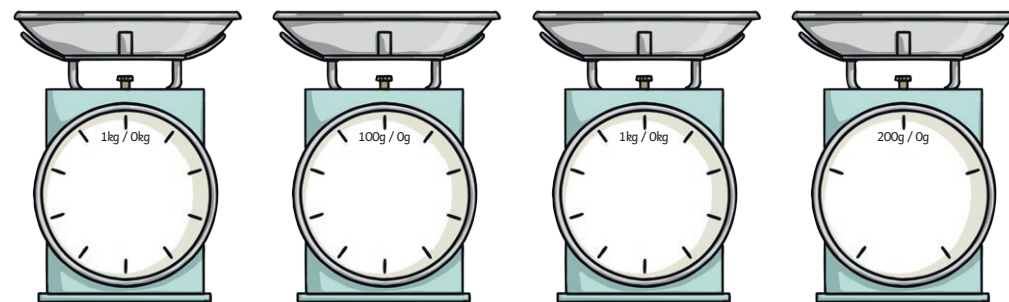
3. I need to convert some quantities in the recipes I am going to try. Match the equivalent quantities below with a line.

350g	2750ml
2.75l	0.5m
50cm	0.35kg
1.8kg	1800g
500mm	0.275ml
1.8kg	3.5kg
1.8kg	5000mm



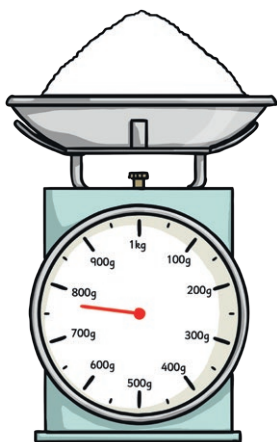
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4. From the scales shown, state what each labelled interval represents.



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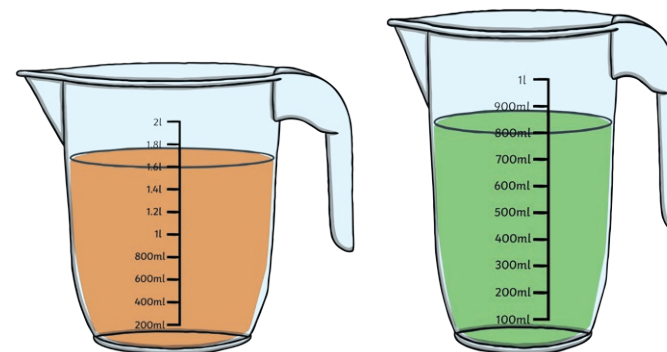
5. What is the mass of flour on these scales?  
If I add another 75g of flour, draw the pointer at the correct place on the scales.



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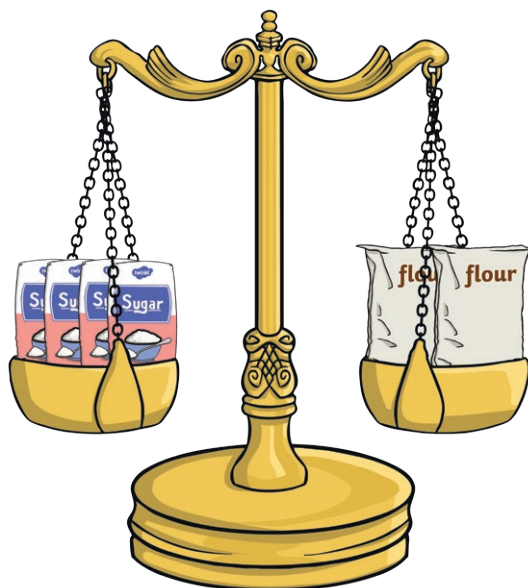
6. In one jug, I have orange juice for the Easter party at school. In the other, I have apple juice. How much of each juice have I got? How much juice have I got altogether?

Challenge: Record the volume of juice in ml and l.



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7. On this balance scale, is one bag of flour heavier than one bag of sugar? If so by how much?



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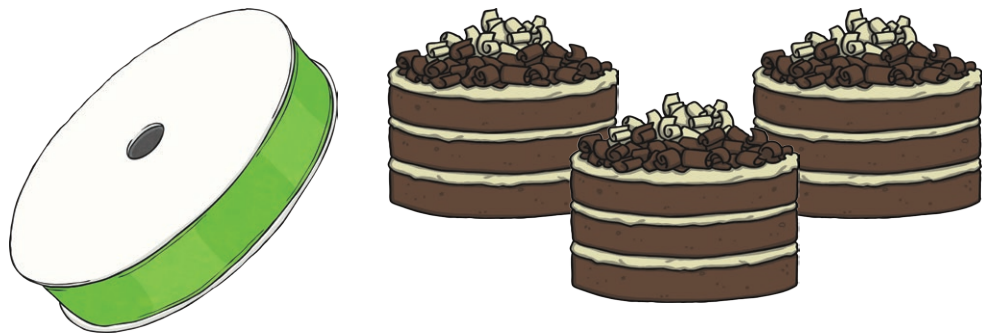
8. The total mass of a bowl and ingredients for Easter cupcakes is 490g. Nine equal spoonfuls of mixture will fill the cupcake cases. When three cupcake cases are filled, the mass of the bowl and ingredients is 340g.



What is the mass of the missing bowl?

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9. I need to put ribbon around three identical Easter cakes with circumference 65cm. Will a 2m roll of ribbon be enough to dress the cakes? How much would be left/needed?



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10. The local bakery is making hot cross buns. Fill in the missing ingredients to scale the ingredients up or down.

Quantity	Sultanas	Eggs	Flour	Sugar
5 buns	80g			
10 buns		4		
50 buns			1.2 Kg	
75 buns				3.75Kg

