

Problems Involving Measures

Year 2 Spring Term Week 12

Lesson 2

Today we will be learning to:

- find solutions to simple mass word problems
- explain ways of working
- understand and use words about mass.

Mental Activity

40p	1000g	15	50g
600g	kilograms	50p	8kg

Copy out these numbers and words.

40p	1000g	15	50g
600g	kilograms	50p	8kg

Cross out two of the items.

40p	1000g	15	50g
600g	kilograms	50p	8kg

I will read out some problems.

40p	1000g	15	50g
600g	kilograms	50p	8kg

Cross out the numbers which are the answers to the problems.

40p	1000g	15	50g
600g	kilograms	50p	8kg

If you complete it first, call out 'Bingo!'

If four people went shopping and each bought 2kg of onions, how much would they have altogether?

How many grams are in a kilogram?

If strawberries cost £1 per kilogram,
how much would half a kilogram
cost?

Would you measure someone's
mass in kilograms or grams?

Tom's mum bought 200g of butter and 400g of cheese. What was the total mass of everything she bought?

Jan had 100g of sweets and she gave half to her friend. How much did she have left?

1kg of apples costs 20p. How much would 2kg cost?

If you got five apples in one kilogram, how many would you get in three kilograms?

Main Activity

Today we are going to calculate
the cost of sending letters of different
mass.

Why do we sometimes have to weigh parcels or letters?



If it costs 10p to send a 10g letter,
how much should it cost to send a
20g letter?

If it costs 10p to send a 10g letter,
how much should it cost to send a
30g letter?

If it costs 10p to send a 10g letter,
how much should it cost to send
a 40g letter?

If it costs 10p to send a 10g letter,
how much should it cost to send
a 50g letter?

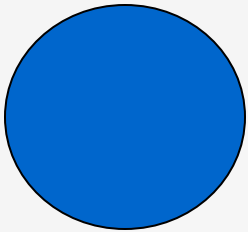
If it costs 10p to send a 10g letter,
how much should it cost to send
a 100g letter?

If it costs 10p to send a 10g letter,
how much should it cost to send
a 200g letter?

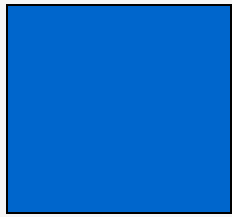
If a letter cost 15p to send, how much do you think it weighed?

How did you work it out?

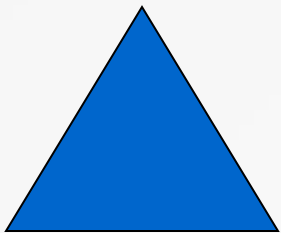
Group Work



Make a poster showing the cost of sending letters of different mass if a 5g letter costs 10p to send.



Make a poster showing the cost of sending letters of different mass if a 5g letter costs 10p to send.



Calculate the cost for letters of different mass. Include some other values of your own.