

# Math is fun!

## Worksheets

Year 4

Gozo College – Rabat Primary School  
(Mr. George Curmi)

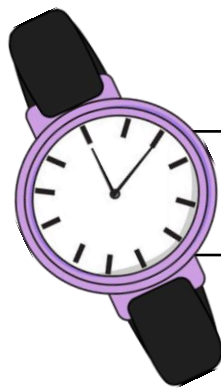
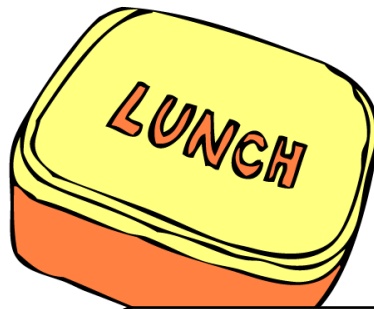
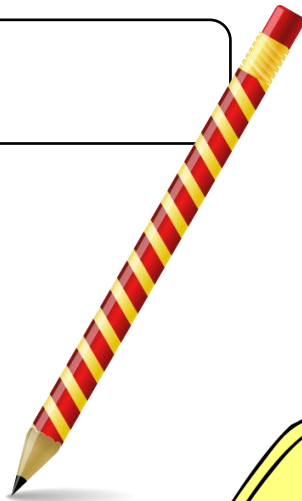
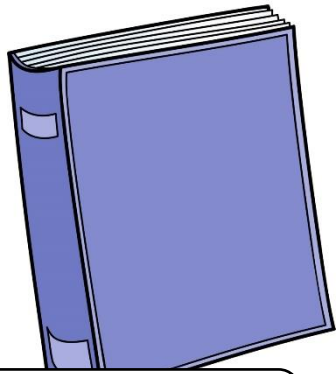
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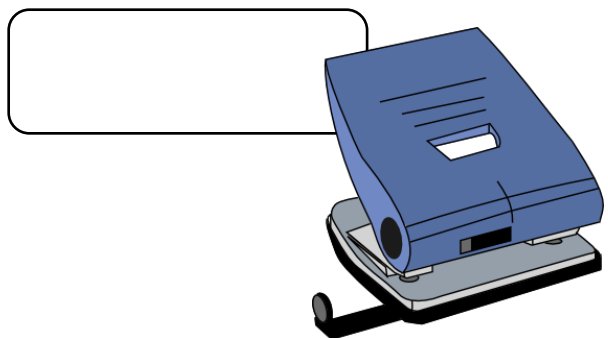
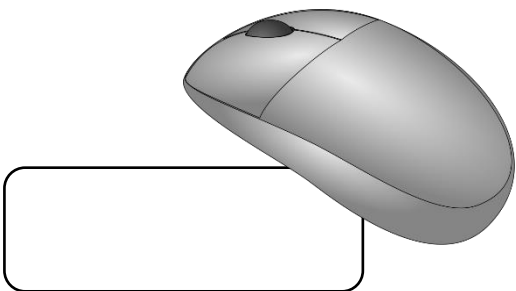
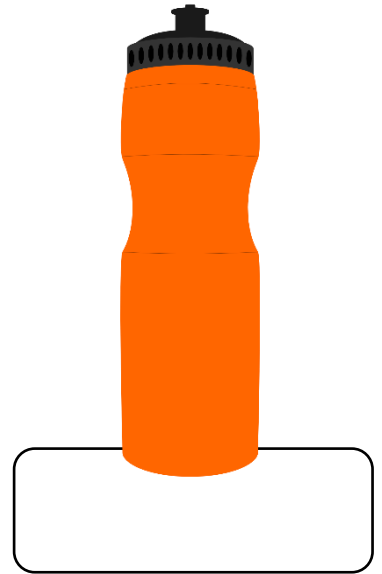
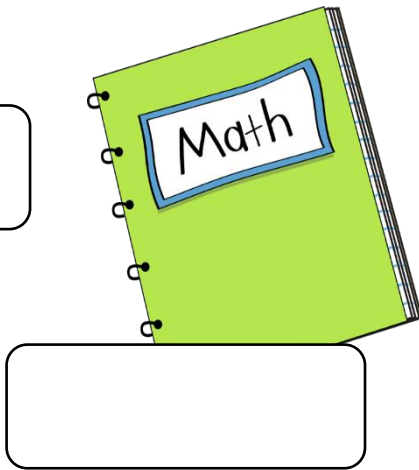
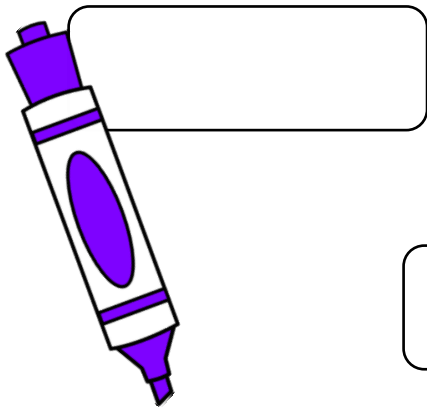
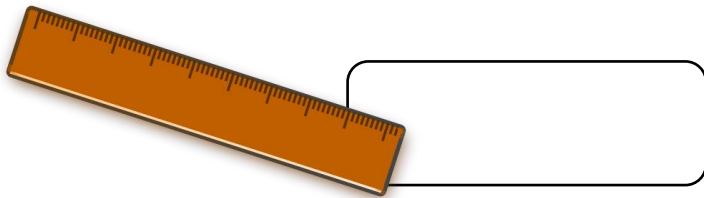
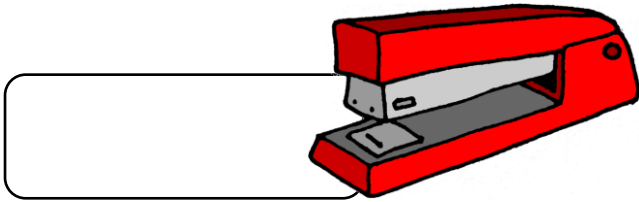
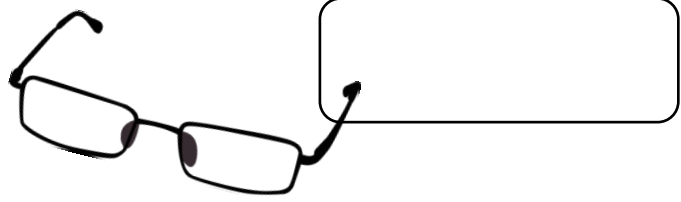
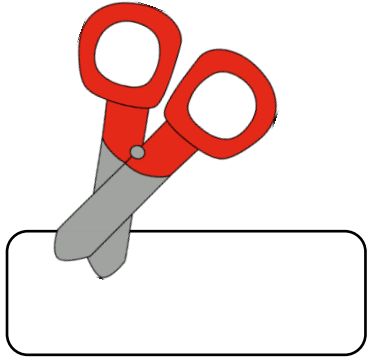
NAME: \_\_\_\_\_

CLASS: \_\_\_\_\_

# HANDS-ON ACTIVITY

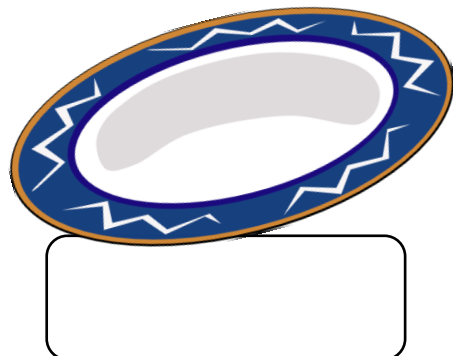
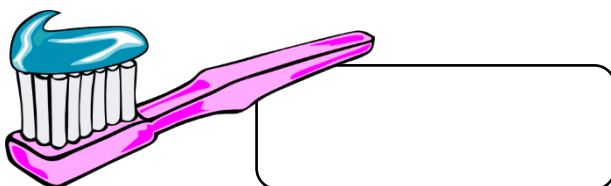
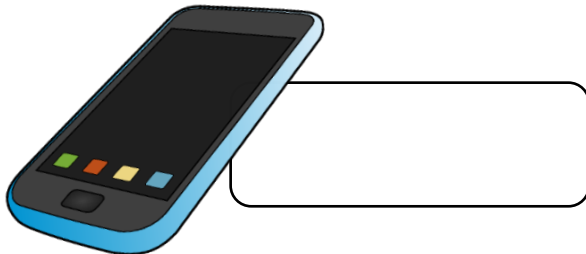
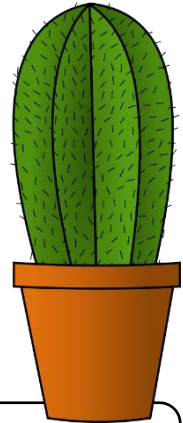
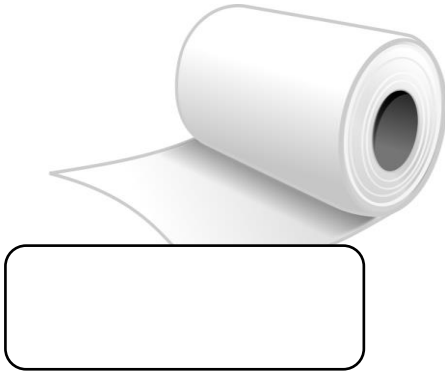
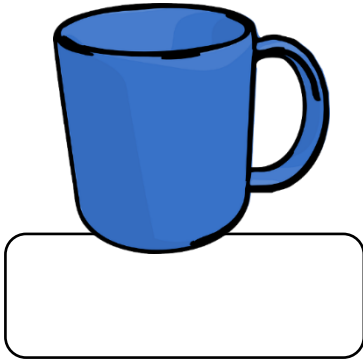
Find the objects below and place them on the weighing scale. How much does each object weigh?

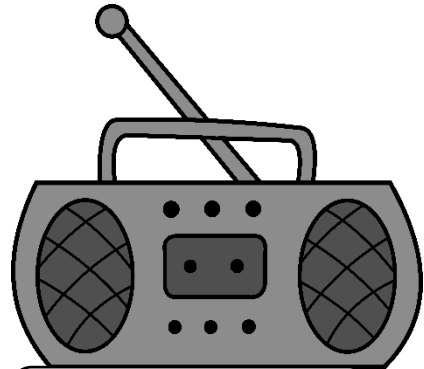
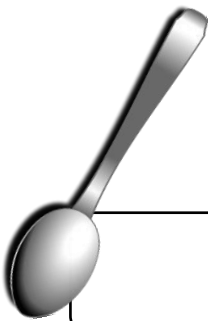
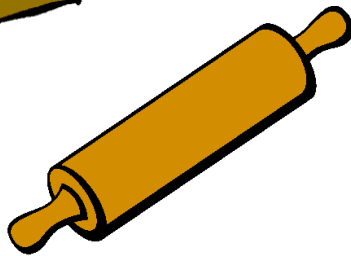
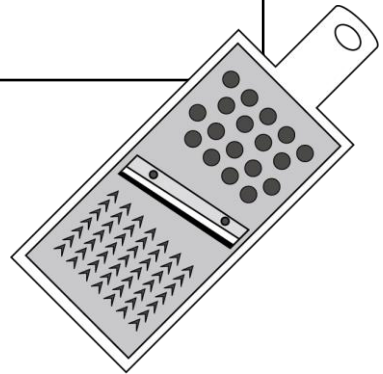
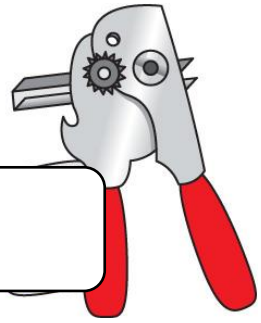




# HANDS-ON HOME ACTIVITY










Find the objects below and place them on the weighing scale. How much does each object weigh?

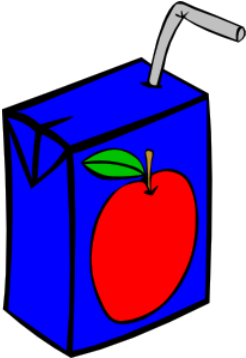




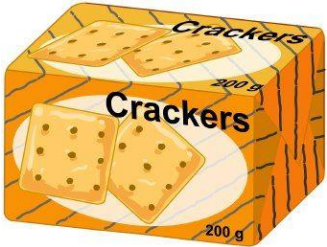
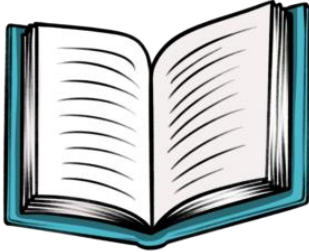



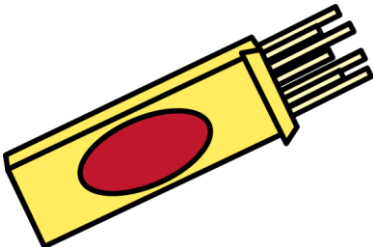


## Estimate

Choose the nearest weight.

								
60g	200g	1kg	0.5kg	150g	20g	12kg	400g	4kg
								
500g	3kg	8g	0.5kg	20kg	3kg	450g	180g	720g
								
0.7kg	50g	300g	2.5kg	7kg	10kg	600g	0.8kg	50g

								
400g	50g	1kg	45g	600g	1.5kg	500g	2kg	80g

								
2000g	20g	200g	320g	10g	6kg	½kg	40g	250g

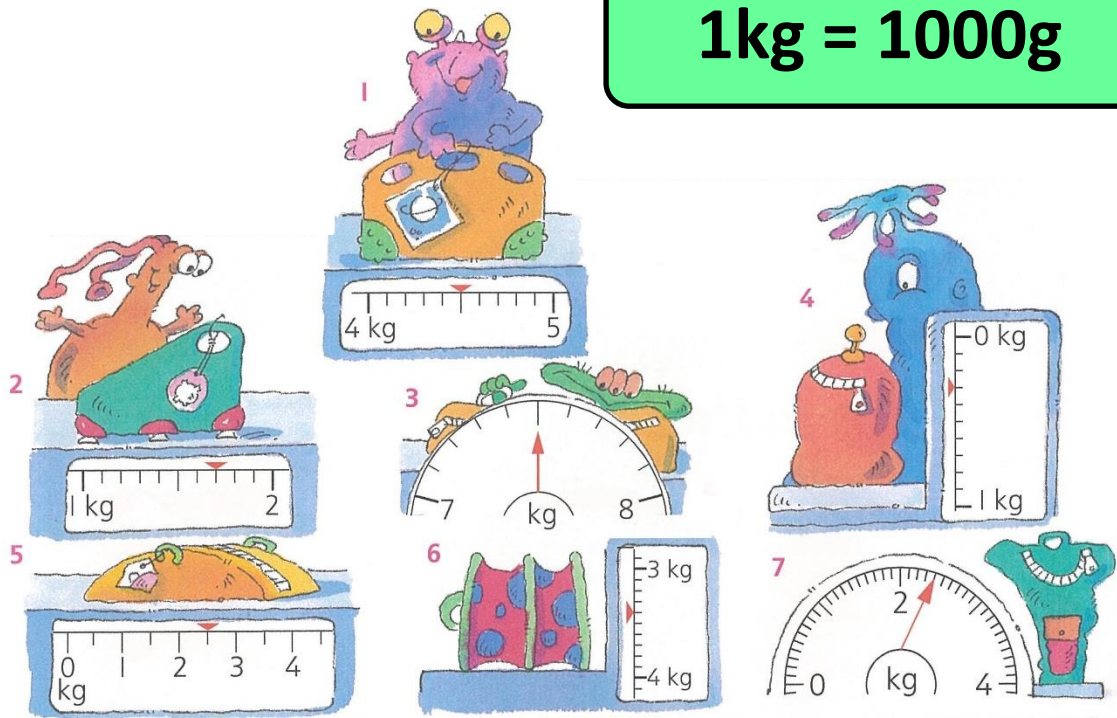
								
0.5kg	3kg	100g	1kg	750g	130g	400g	4kg	40kg



# Kilograms and Grams

Find the weight of each alien's travel bag. Write the weight in three different ways.

## 1kg = 1000g



	Kilograms and Grams	Kilograms	Grams
1.	<b>4kg 500g</b>	<b>4.5kg</b>	<b>4500g</b>
2.			
3.			
4.			
5.			
6.			
7.			



# Kilograms and Grams

How many of each to make one kilogram?



500g



200g



100g



250g



50g

## Kilograms and Grams

Complete.

	Kilograms	Grams
1.	5.874kg	<b>5874g</b>
2.	$\frac{3}{4}$ kg	
3.	0.781kg	
4.	3.457kg	
5.	0.2kg	
6.	6.007kg	
7.	8.3kg	
8.	$\frac{1}{2}$ kg	
9.	5.74kg	
10.	$2\frac{1}{2}$ kg	
11.	$1\frac{1}{4}$ kg	
12.	2.6kg	
13.	$\frac{1}{4}$ kg	
14.	4.988kg	
15.	$3\frac{3}{4}$ kg	

## Kilograms and Grams

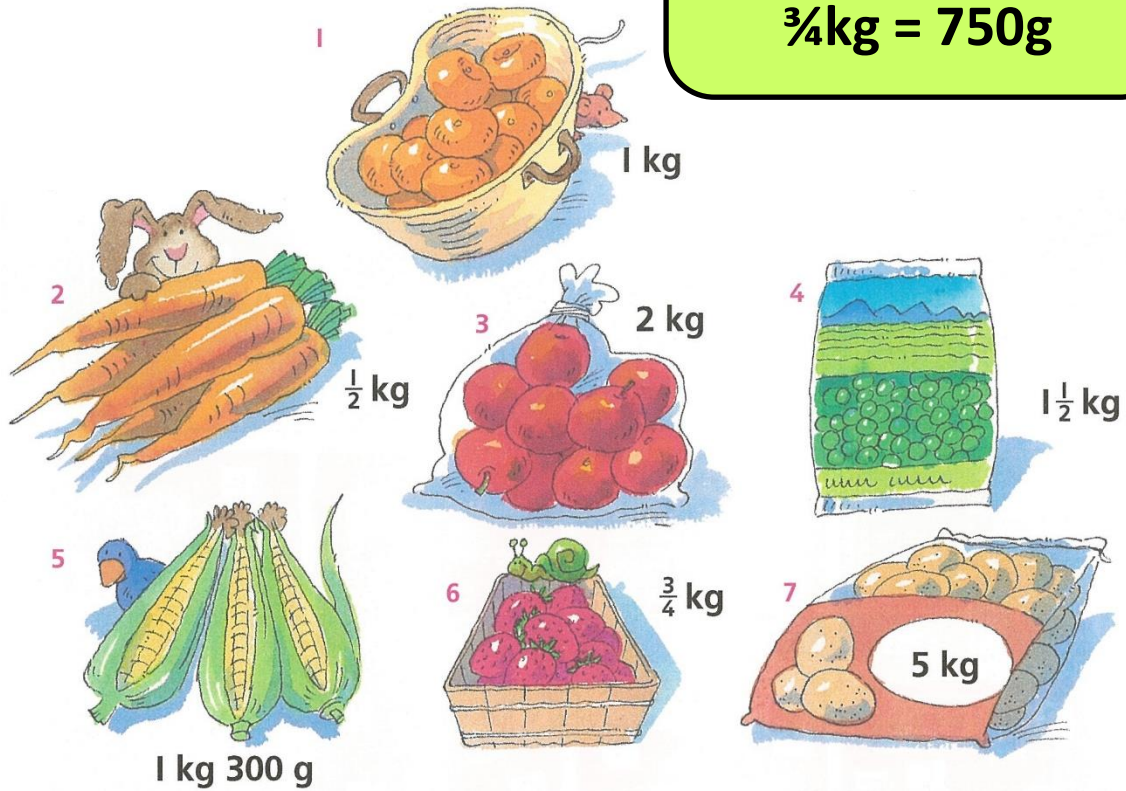
Complete.

	Grams	Kilograms	Kilograms and Grams
1.	2341g	<b>2.341kg</b>	<b>2kg 341g</b>
2.		1.5kg	
3.			2kg 400g
4.	1452g		
5.		2.345kg	
6.			3kg 435g
7.	5670g		
8.		5.076kg	
9.			7kg 55g
10.	3093g		
11.		4.56kg	
12.			8kg 200g
13.	6802g		
14.		1.602kg	
15.			1kg 7g

# Kilograms and Grams

Write each weight in grams.

$\frac{1}{4}\text{kg} = 250\text{g}$   
 $\frac{1}{2}\text{kg} = 500\text{g}$   
 $\frac{3}{4}\text{kg} = 750\text{g}$



1.	1 kg	<b>1000g</b>
2.	$\frac{1}{2}$ kg	
3.	2 kg	
4.	$1\frac{1}{2}$ kg	
5.	1 kg 300 g	
6.	$\frac{3}{4}$ kg	
7.	5 kg	

## Problems

Work out the problems.



Pineapples weigh  $\frac{1}{2}$ kg each.  
How much do 10 pineapples weigh?

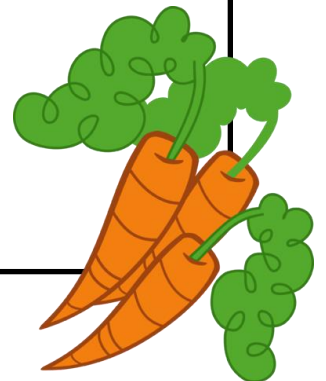
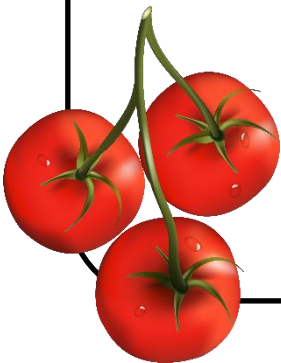
Andrew's mum bought 1kg of plums.  
Each plum weighs 50g.  
How many plums did she buy?



**Show  
all your  
work.**

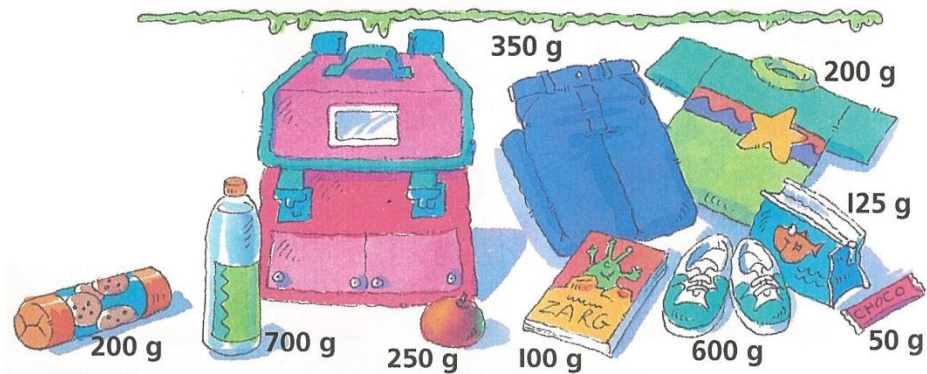
Each tomato weighs 40g.  
How much do 6 tomatoes weigh?

Chef Alfred bought 1kg of carrots.  
Each carrot weighs 100g.  
How many carrots did he buy?



## Explore

You are going to Mars. What could you take in your rucksack?



1. Five items that weigh less than 2kg.

--	--	--	--	--

2. Five items that weigh less than 1kg.

--	--	--	--	--

3. Five items that weigh exactly 1.5kg.

--	--	--	--	--

4. Five items that weigh more than 2kg.

--	--	--	--	--

5. Five items that weigh exactly 800g.

--	--	--	--	--



## Explore

These children travel in pairs. Each pair's bags must weigh less than 40kg altogether. Put the children in pairs.



1.  and

Total weight →

2.  and

Total weight →

3.  and

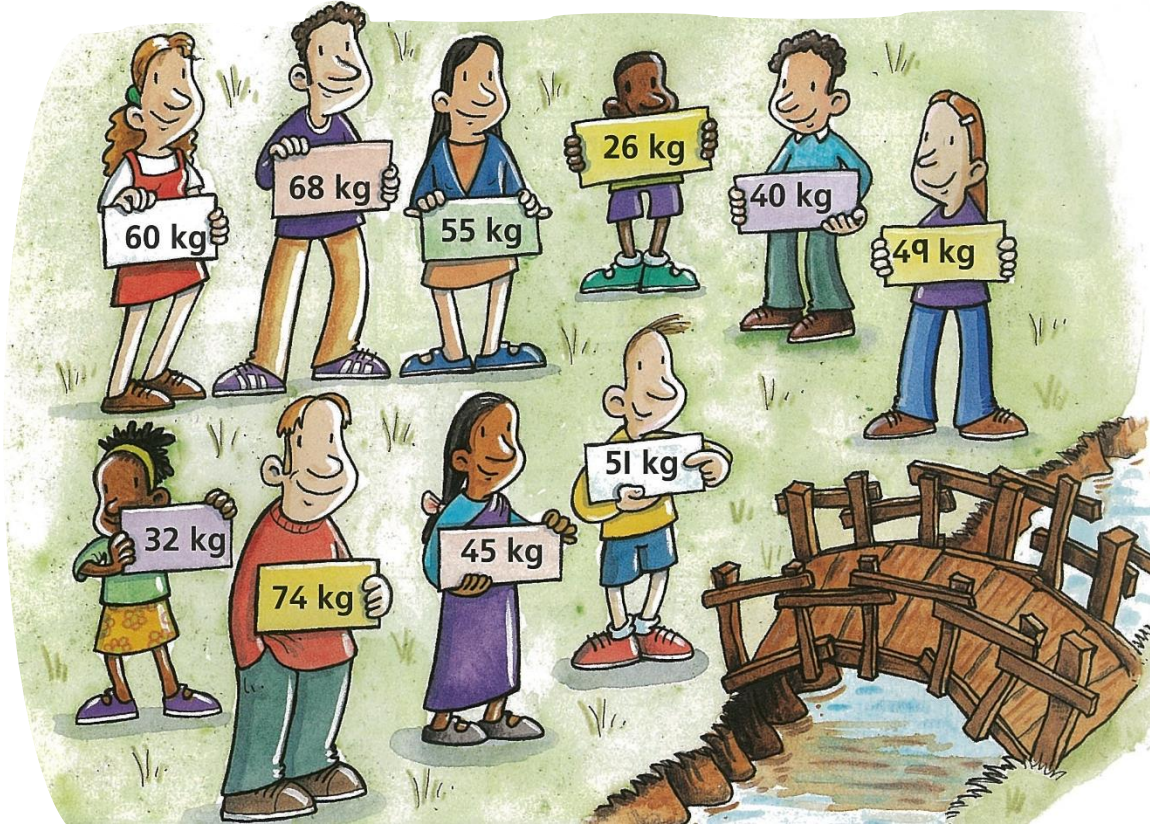
Total weight →

4.  and

Total weight →

## Explore

The bridge can only hold 100 kg safely. The people cross in pairs. Write the pairs so that everyone can cross.



$$1^{\text{st}} \text{ Pair} \rightarrow \boxed{\phantom{00}} \text{ kg} + \boxed{\phantom{00}} \text{ kg} = \boxed{\phantom{00}} \text{ kg}$$

$$2^{\text{nd}} \text{ Pair} \rightarrow \boxed{\phantom{00}} \text{ kg} + \boxed{\phantom{00}} \text{ kg} = \boxed{\phantom{00}} \text{ kg}$$

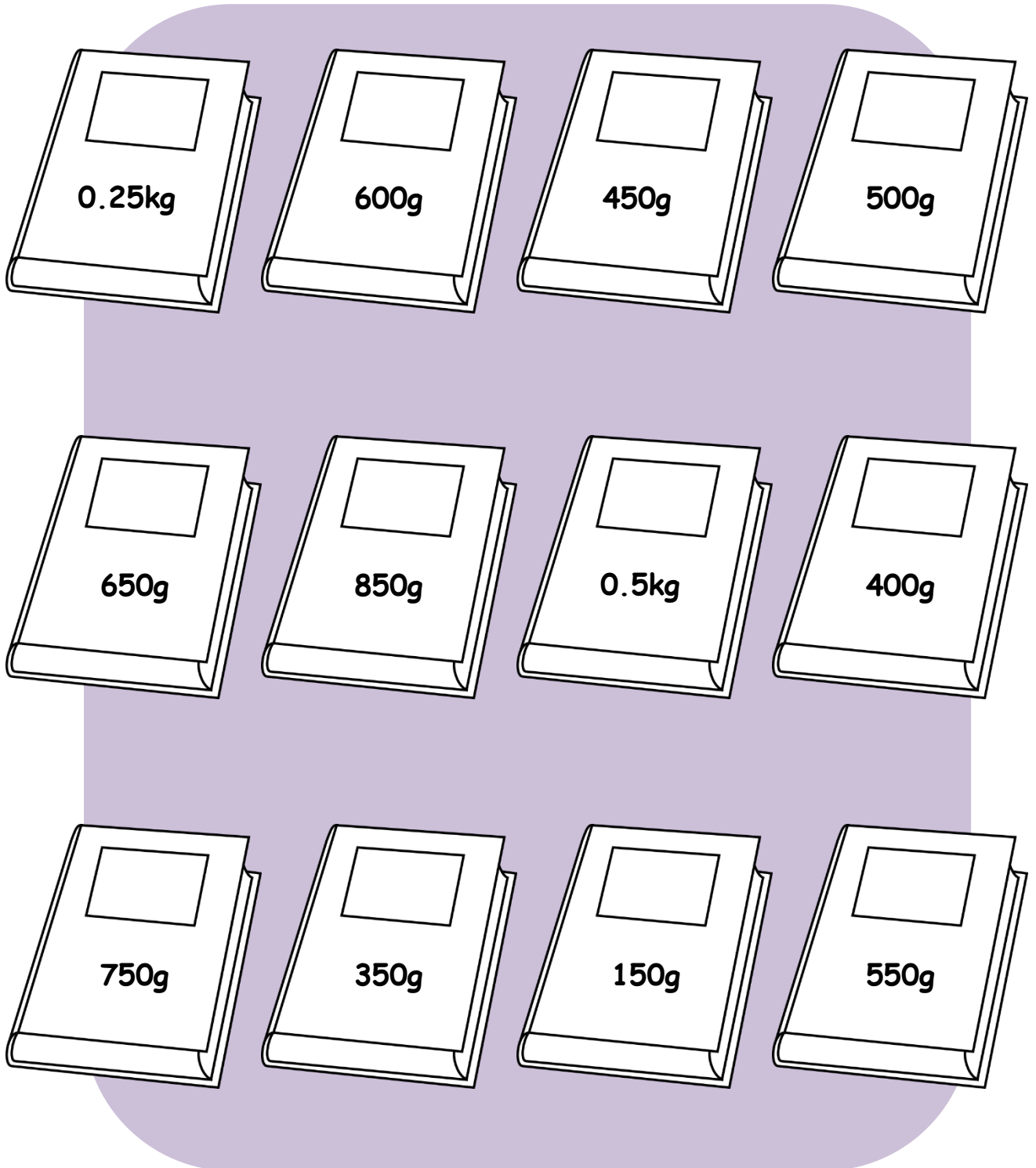
$$3^{\text{rd}} \text{ Pair} \rightarrow \boxed{\phantom{00}} \text{ kg} + \boxed{\phantom{00}} \text{ kg} = \boxed{\phantom{00}} \text{ kg}$$

$$4^{\text{th}} \text{ Pair} \rightarrow \boxed{\phantom{00}} \text{ kg} + \boxed{\phantom{00}} \text{ kg} = \boxed{\phantom{00}} \text{ kg}$$

$$5^{\text{th}} \text{ Pair} \rightarrow \boxed{\phantom{00}} \text{ kg} + \boxed{\phantom{00}} \text{ kg} = \boxed{\phantom{00}} \text{ kg}$$

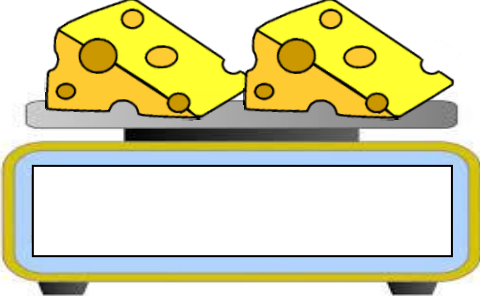

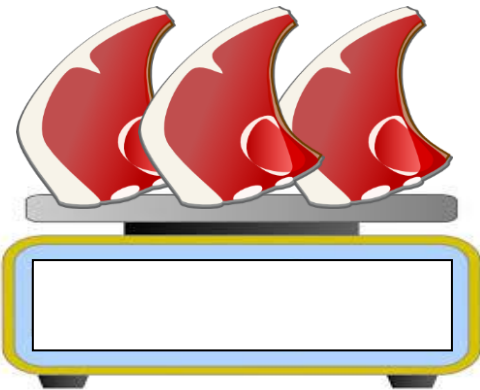
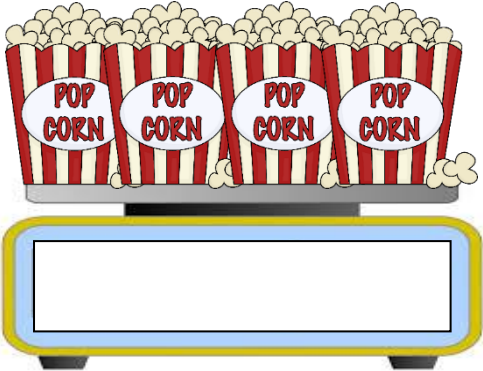
## One Kilogram

Find pairs of books that together weigh exactly one kilogram and colour them the same. Use a different colour for each pair.

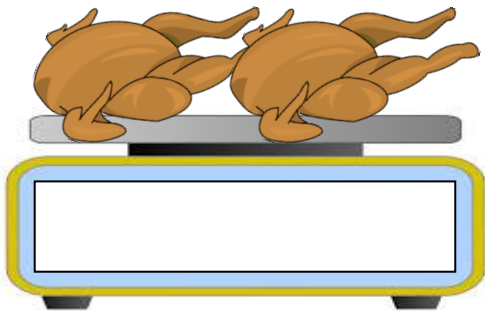


# Multiplying

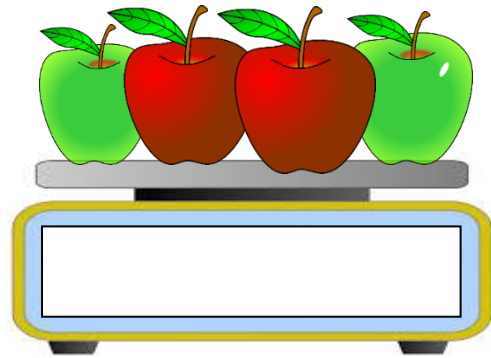
Write how much each set of objects weigh.

<p data-bbox="240 450 751 528"><b>240g each</b></p>  <p data-bbox="256 1032 719 1155">[ ]</p>	<p data-bbox="868 450 1378 528"><b>85g each</b></p>  <p data-bbox="868 1032 1331 1155">[ ]</p>
<p data-bbox="240 1243 751 1321"><b>425g each</b></p>  <p data-bbox="256 1827 719 1951">[ ]</p>	<p data-bbox="868 1243 1378 1321"><b>110g each</b></p>  <p data-bbox="868 1827 1331 1951">[ ]</p>

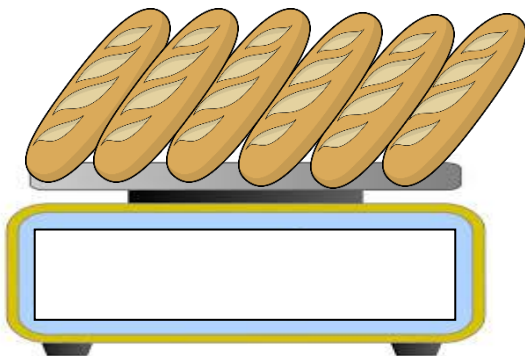
**1kg 600g each**



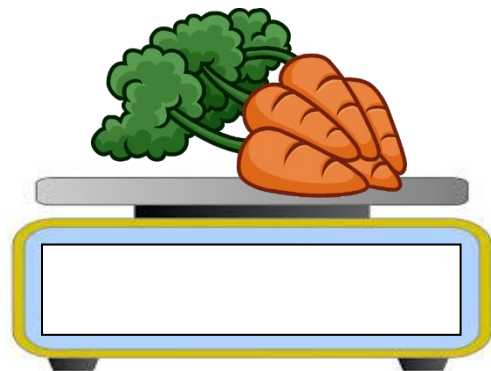
**175g each**



**320g each**



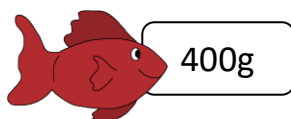
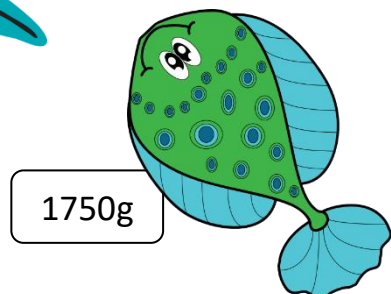
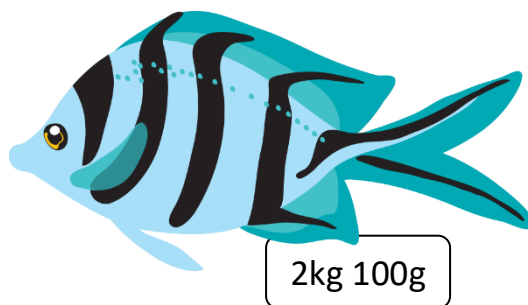
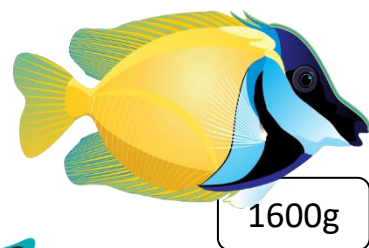
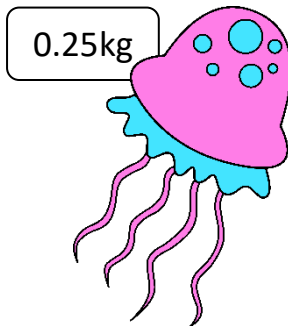
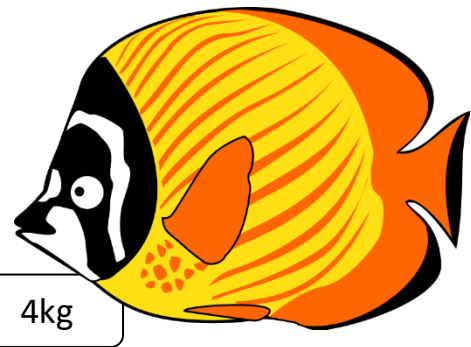
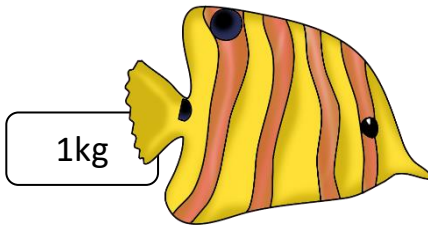
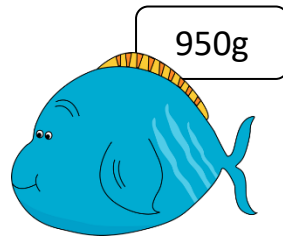
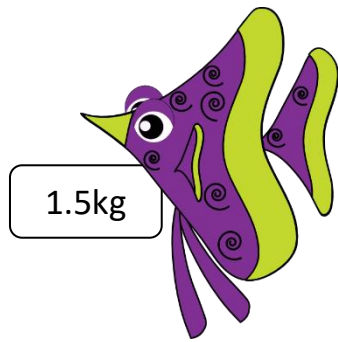
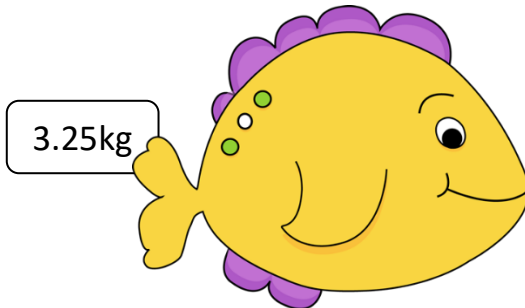
**130g each**



# Ascending Order

Write the weights in order, lightest to heaviest.

<b>Lightest</b>
<b>Heaviest</b>





## Explore

From the items below, Jake can take only four in his backpack. Which four items did he take if:



1. The total weight was between 1kg and 1.5kg?

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2. The total weight was more than 2.5kg?

--	--	--	--

3. The total weight was exactly 2kg?

--	--	--	--

## Story Sums

Work out the following problems. Show your working in the space provided.

1. An astronaut weighs 84kg with her pack on, and 59kg when she takes it off. How much does her pack weigh?



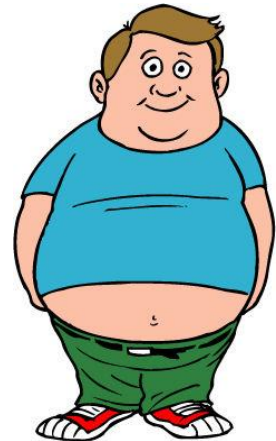
2. A box contains 4 packets of cereal. The total weight of all 4 packets is 6kg. What is the weight of each packet in grams?



3. The weight of John's bag is 615 grams. The weight of a Kira's bag is 120 grams less than the weight of John's bag. What is the weight of Kira's bag?



4. John weighs 150 kilograms. He is 5 times heavier than Mike. What's Mike's weight?



5. Kayla bought two pumpkins for Halloween. The weight of the larger pumpkin was 9kg. The smaller pumpkin was only a third the weight of the larger pumpkin. What is the weight of the smaller pumpkin?



6. The weight of the candy that Eric collected was 1234g more than the weight of the candy Timothy collected. If Timothy collected 3300g of candy, how much candy did Eric collect?



7. A gardener has 8 plants to pot. Each plant pot needs 500g of soil. How much soil does the gardener need altogether?



8. Bob the builder has to fix 3 walls that have fallen down. He needs 2kg 400g of cement for each wall. How much cement will he need altogether?



9. Four identical cubes and two identical pyramids weigh 20kg altogether. If the pyramids weigh 4kg each, what is the weight of 1 cube?

