

Homework/Extension

Step 2: Measure Mass

National Curriculum Objectives:

Mathematics Year 1: (1M1) [Compare, describe and solve practical problems for: lengths and heights \[for example, long/short, longer/shorter, tall/short, double/half\] mass/weight \[for example, heavy/light, heavier than, lighter than\] capacity and volume \[for example, full/empty, more than, less than, half, half full, quarter\] Time \[for example, quicker, slower, earlier, later\]](#)

Mathematics Year 1: (1M2) [Measure and begin to record: lengths and heights mass/weight capacity and volume time \(hours, minutes, seconds\)](#)

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Identify the weight objects on seesaw scales using cubes.

Expected Identify the weight of objects on balance scales using a range of non-standard units.

Greater Depth Identify the weight of objects on balance scales using a range of non-standard units. Includes calculating the mass.

Questions 2, 5 and 8 (Varied Fluency)

Developing Identify the correct sentence. Includes comparative sentences about the weight of objects. Objects shown on seesaw scales.

Expected Identify the correct sentence. Includes comparative sentences about the weight of objects. Objects shown on balance scales.

Greater Depth Identify the correct sentences. Includes comparative sentences about the weight of objects. Includes calculating the mass.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Identify two objects to balance the seesaw scales. Only one possible answer.

Expected Identify two objects to balance the scales. Two possible answers.

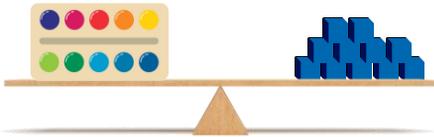
Greater Depth Identify two objects to balance the scales. Includes calculating the mass of an object. Two possible answers.

More [Year 1 Weight and Volume](#) resources.

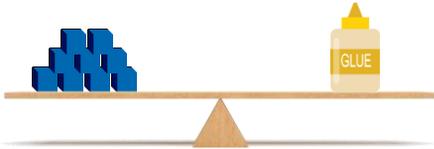
Did you like this resource? Don't forget to [review](#) it on our website.

Measure Mass

1. Complete the sentences to match the scales.



The paint palette weighs cubes.



The glue weighs cubes.

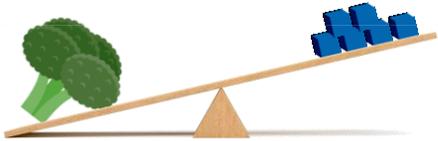


The pencil sharpener weighs cubes.



VF
HW/Ext

2. Tick the correct sentence.



1. The broccoli weighs 8 cubes.



2. The pumpkin is lighter than 5 cubes.



3. The sweetcorn weighs 4 cubes.



VF
HW/Ext

3. Which two items would balance the scales?



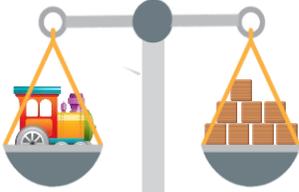
3 cubes	4 cubes	5 cubes	6 cubes	7 cubes



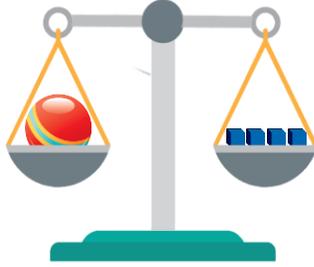
RPS
HW/Ext

Measure Mass

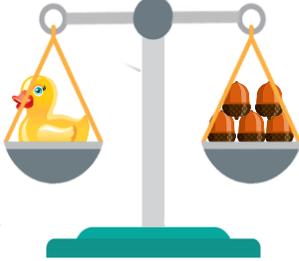
4. Complete the sentences to match the scales.



The train weighs blocks.



The duck weighs acorns.

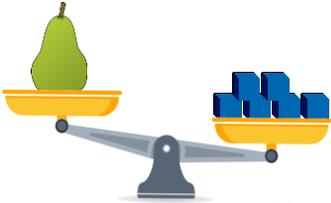


The ball weighs cubes.

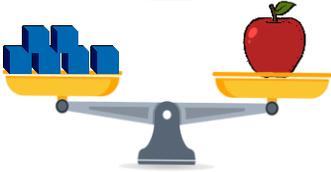


VF
HW/Ext

5. Tick the correct sentence.



1. The apple weighs 7 cubes.



2. The carrot is lighter than 4 cubes.



3. The pear weighs less than 6 cubes.



VF
HW/Ext

6. Which two items would balance the scales?



3 cubes	4 cubes	5 cubes	6 cubes	7 cubes

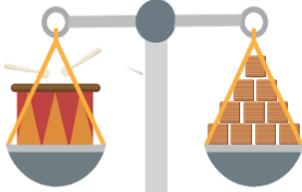
Find two possibilities.



RPS
HW/Ext

Measure Mass

7. Complete the sentences to match the scales.



The drum weighs blocks.



The jigsaw weighs jewels.



One dinosaur weighs cubes.



VF
HW/Ext

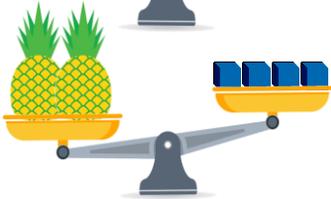
8. Tick the correct sentences.



1. The lemon is heavier than 6 cubes.



2. One tomato weighs 5 cubes.



3. Two pineapples are lighter than 4 cubes.

4. The lemon is lighter than a tomato.



VF
HW/Ext

9. Which two items would balance the scales?



2 cubes	4 cubes	5 cubes	6 cubes	7 cubes

Find two possibilities.



RPS
HW/Ext

Homework/Extension

Measure Mass

Developing

1. The paint palette is 11 cubes.
The glue weighs 9 cubes.
The pencil sharpener weighs 4 cubes.
2. 3
3. The rocket and the football.

Expected

4. The train weighs 8 blocks.
The duck weighs 5 acorns.
The ball weighs 4 cubes.
5. 3
6. The paint and the spinning top; The pinwheel and the boat.

Greater Depth

7. The drum weighs 10 blocks.
The jigsaw weighs 5 jewels.
One dinosaur weighs 4 cubes.
8. 2 and 4
9. The bucket and the boat; The keyboard and the helicopter.