

Varied Fluency

Step 1: Measure Mass in Grams

National Curriculum Objectives:

Mathematics Year 2: (2M1) [Compare and order lengths, mass, volume/capacity and record the results using >, < and =](#)

Mathematics Year 2: (2M2) [Choose and use appropriate standard units to estimate and measure length/height in any direction \(m/cm\); mass \(kg/g\); temperature \(° C\); capacity \(litres/ml\) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels](#)

Differentiation:

Developing Questions to support ordering and reading amounts in grams, increments of 10 only.

Expected Questions to support ordering and reading amounts in grams, increments of 2, 5 and 10.

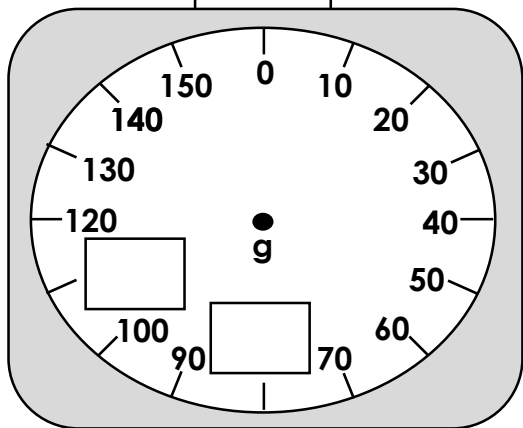
Greater Depth Questions to support ordering and reading amounts in grams, increments of 2, 5 and 10, some measurements fall in between increments on the scale.

More [Year 2 and Year 3 Mass, Capacity and Temperature resources](#).

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

Measure Mass in Grams

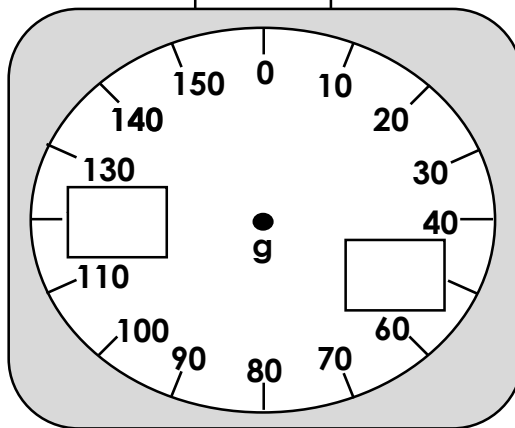
1a. Complete the missing numbers on the scale.



2 VF

Measure Mass in Grams

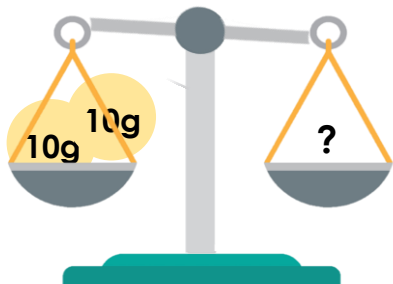
1b. Complete the missing numbers on the scale.



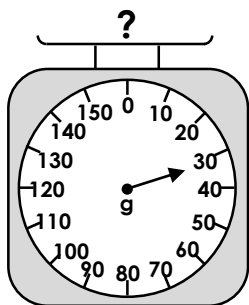
2 VF

2a. Join the matching pairs.

A



B



C



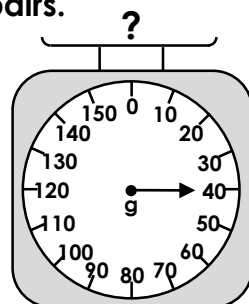
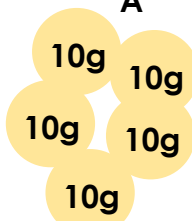
D



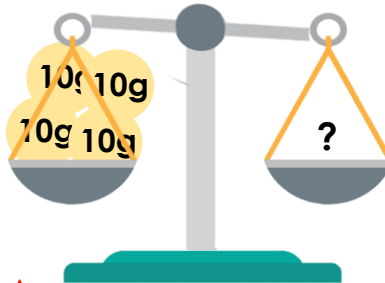
2 VF

2b. Join the matching pairs.

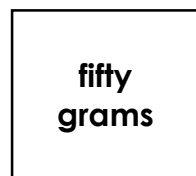
A



B



C

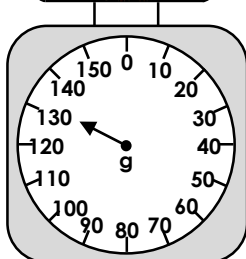
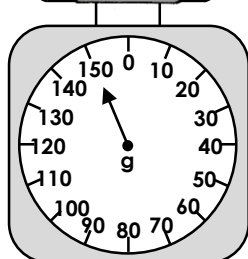


D



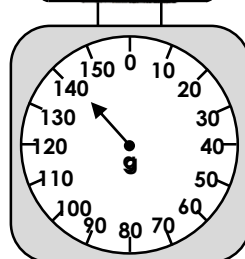
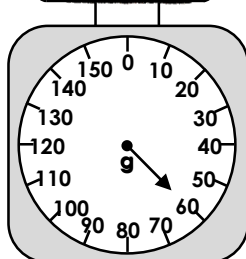
2 VF

3a. How much do these items weigh?



2 VF

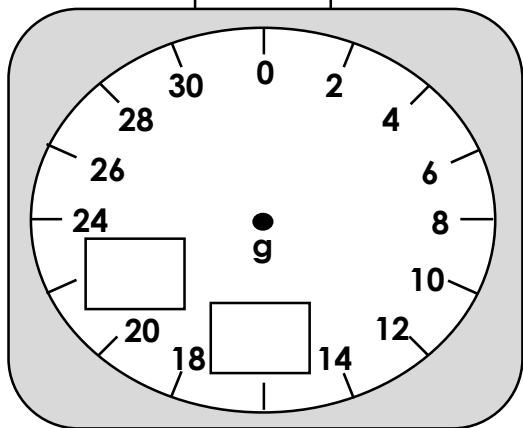
3b. How much do these items weigh?



2 VF

Measure Mass in Grams

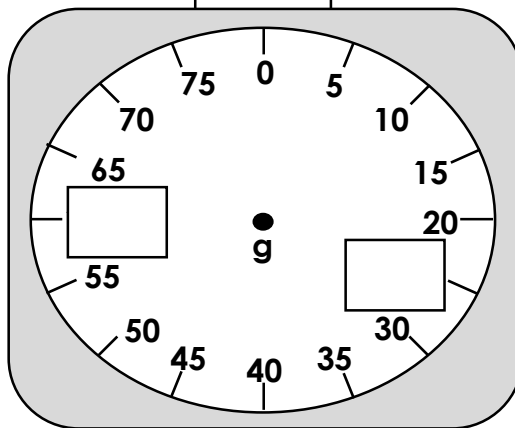
4a. Complete the missing numbers on the scale.



2 VF

Measure Mass in Grams

4b. Complete the missing numbers on the scale.

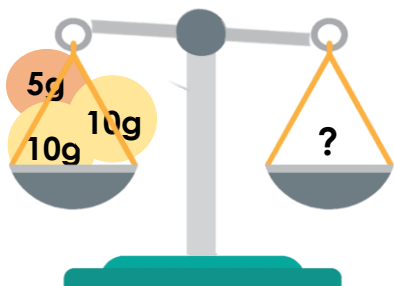


2 VF

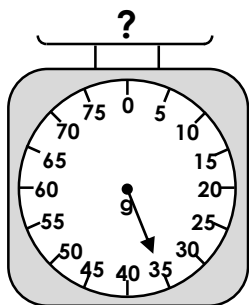
5a. Join the matching pairs.

A

twenty-five grams



B



C



D



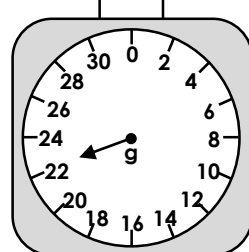
2 VF

5b. Join the matching pairs.

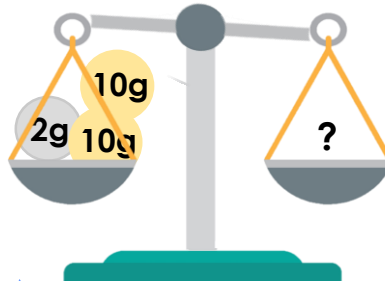
A



?



B



C

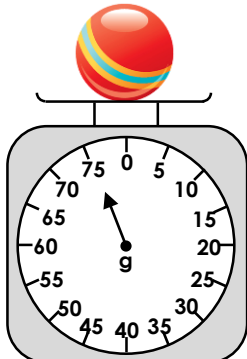
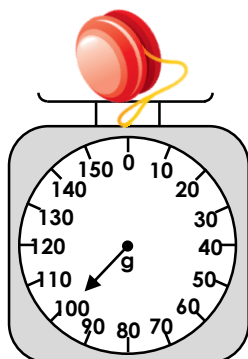
twenty-four grams

D



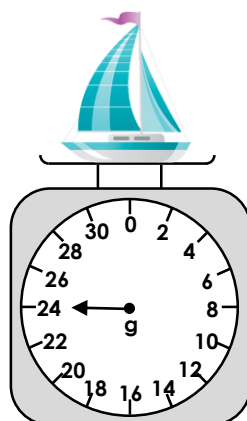
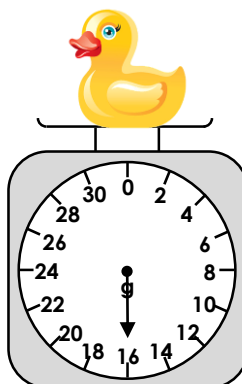
2 VF

6a. How much do these items weigh?



2 VF

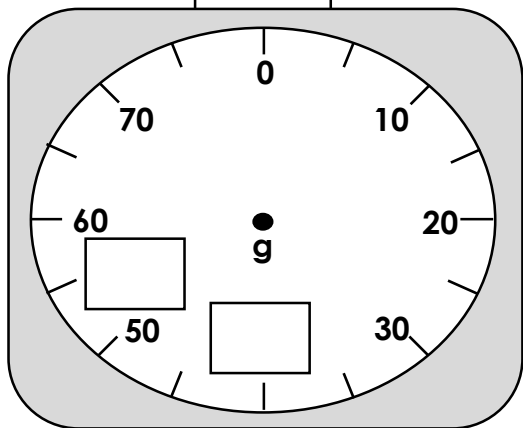
6b. How much do these items weigh?



2 VF

Measure Mass in Grams

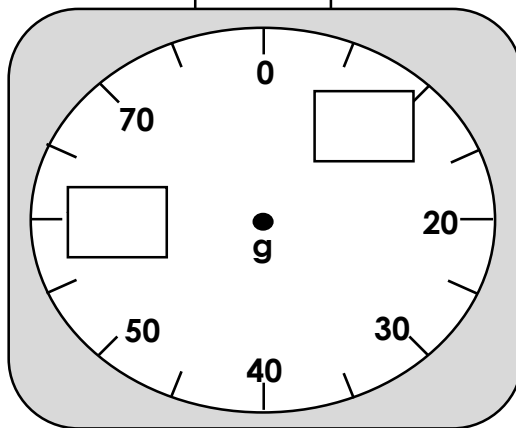
7a. Complete the missing numbers on the scale.



2 VF

Measure Mass in Grams

7b. Complete the missing numbers on the scale.

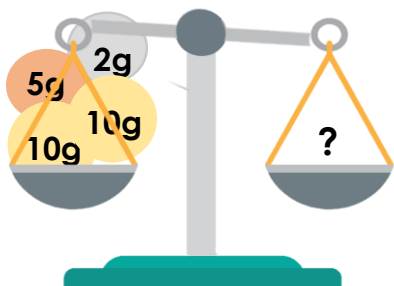


2 VF

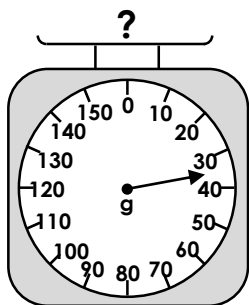
8a. Find the matching pairs.

A

twenty-seven grams



B



C



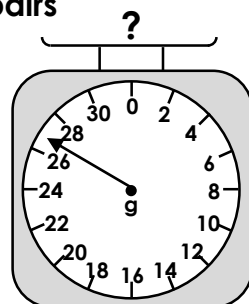
D



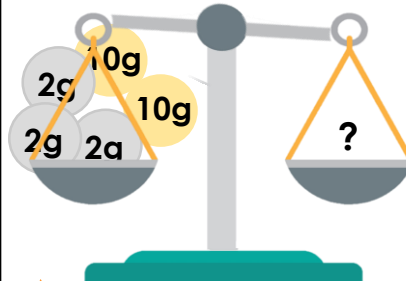
2 VF

8b. Find the matching pairs

A



B



C

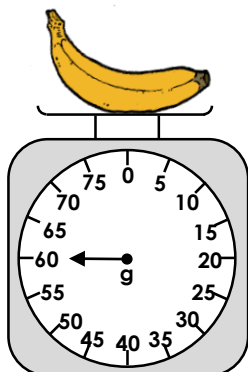
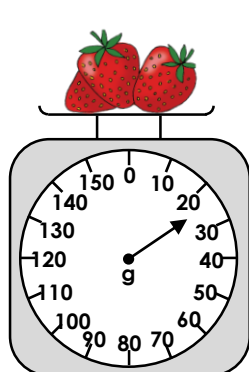
twenty-six grams

D



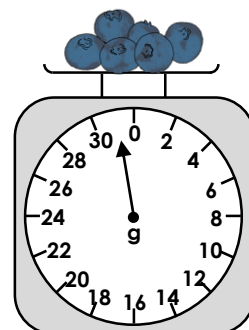
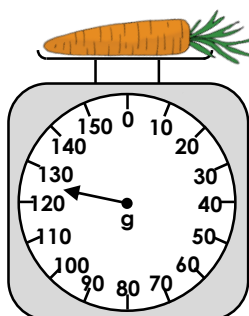
2 VF

9a. How much do these items weigh?



2 VF

9b. How much do these items weigh?



2 VF

Varied Fluency
Measure Mass in Grams

Developing

- 1a. **80, 110**
2a. **A and C joined. B and D joined.**
3a. **Chicken Soup = 150g; Tomato Ketchup = 130g**

Expected

- 4a. **16, 22**
5a. **A and B joined. C and D joined.**
6a. **Yoyo = 100g; bouncy ball = 75g**

Greater Depth

- 7a. **40, 55**
8a. **A and B joined. C and D joined.**
9a. **Strawberries = 25g; banana = 60g**

Varied Fluency
Measure Mass in Grams

Developing

- 1b. **50, 120**
2b. **A and D joined. B and C joined.**
3b. **Tuna = 60g, Baked Beans = 140g**

Expected

- 4b. **25, 60**
5b. **A and D joined. B and C joined.**
6b. **Rubber duck = 16g; Yacht = 24g**

Greater Depth

- 7b. **10, 60**
8b. **A and B joined. C and D joined.**
9b. **Carrot = 125g; blueberries = 31g**