

Varied Fluency

Step 3: 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.

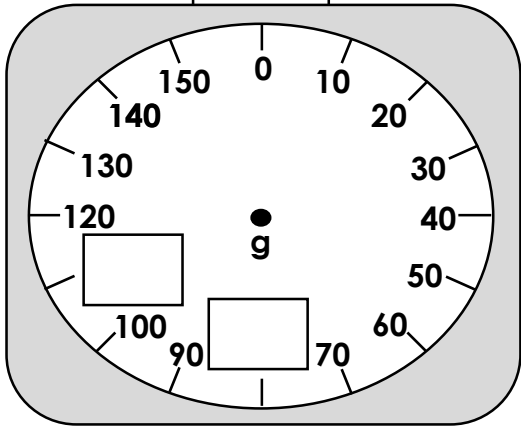
More [Year 2 Mass](#) resources.

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

Measure Mass in Grams

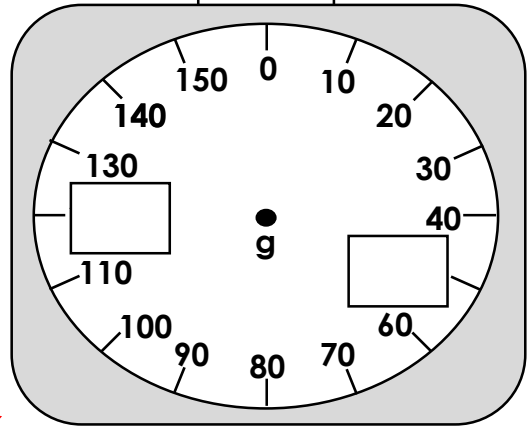
Measure Mass in Grams

1a. Complete the missing numbers on the scale.



VF

1b. Complete the missing numbers on the scale.



VF

2a. Join the matching pairs.

A

thirty grams

B

10g 10g 10g 10g 10g

C

D

10g 5g 5g



VF

2b. Join the matching pairs.

A

10g 10g 10g 10g 10g

B

C

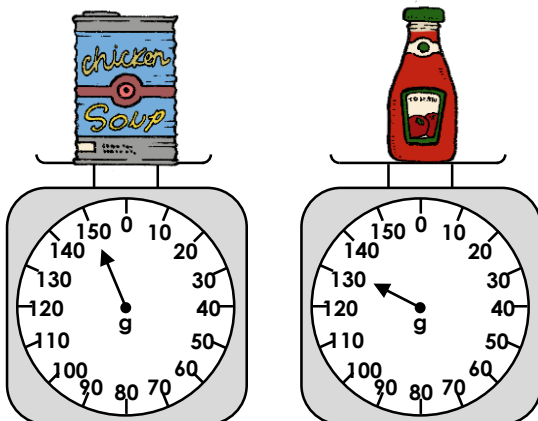
D

fifty grams



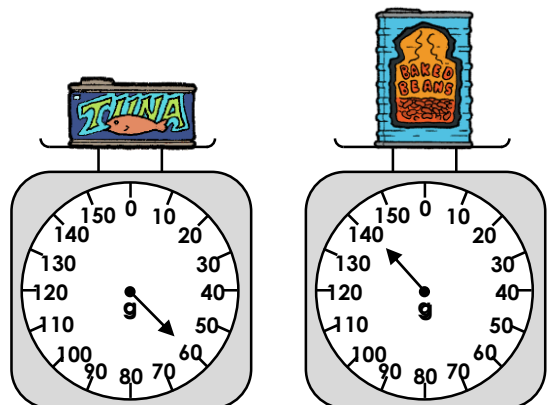
VF

3a. How much do these items weigh?



VF

3b. How much do these items weigh?

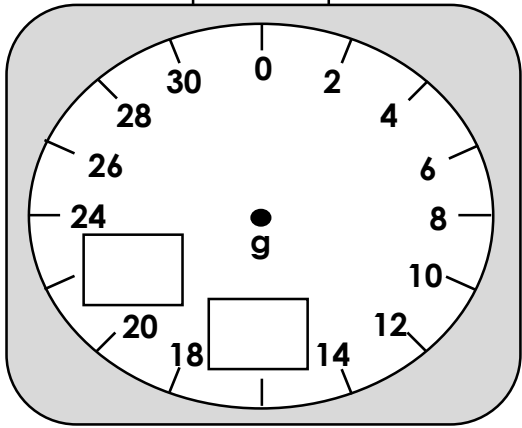


VF

Measure Mass in Grams

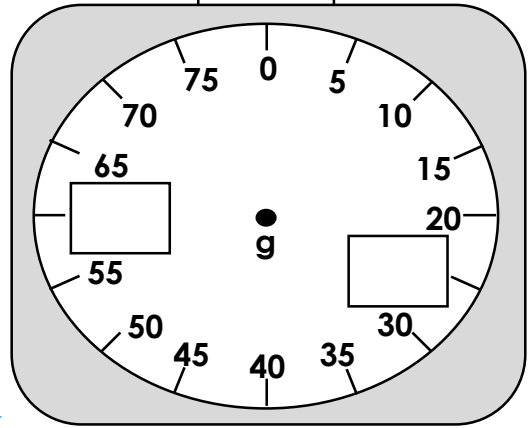
Measure Mass in Grams

4a. Complete the missing numbers on the scale.



VF

4b. Complete the missing numbers on the scale.



VF

5a. Join the matching pairs.

A

twenty-five grams

B

C

D



VF

5b. Join the matching pairs.

A

B

C

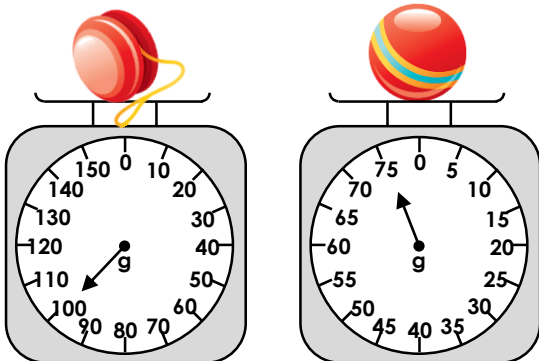
D

twenty-four grams



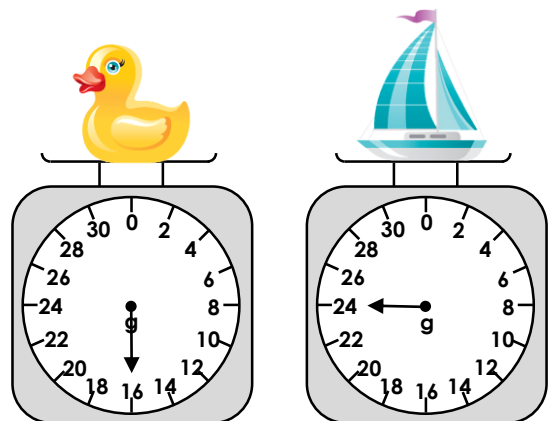
VF

6a. How much do these items weigh?



VF

6b. How much do these items weigh?

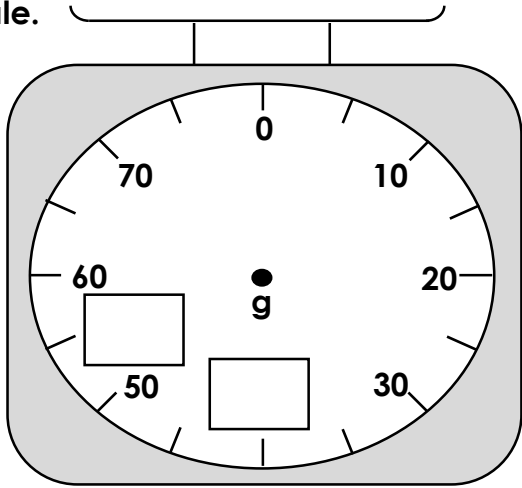


VF

Measure Mass in Grams

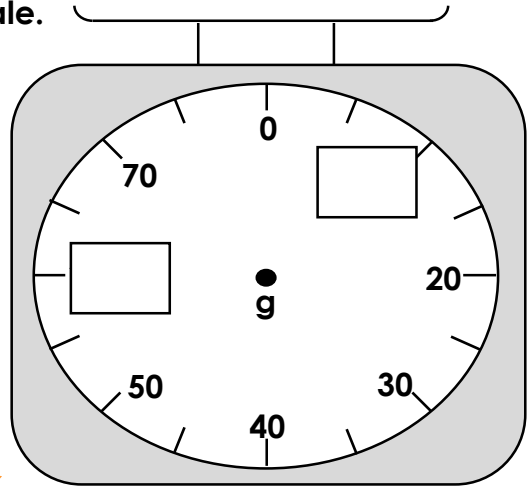
Measure Mass in Grams

7a. Complete the missing numbers on the scale.



VF

7b. Complete the missing numbers on the scale.



VF

8a. Find the matching pairs.

A

twenty-seven grams

B

C

D



VF

8b. Find the matching pairs

A

B

C

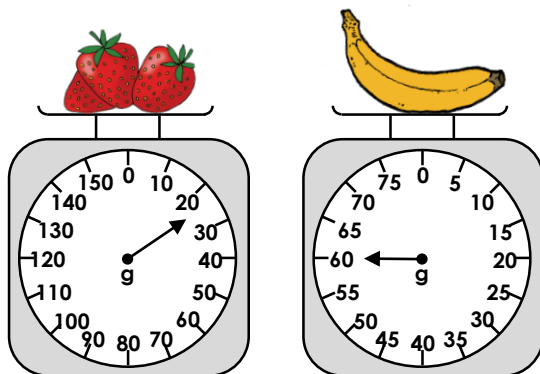
D

twenty-six grams



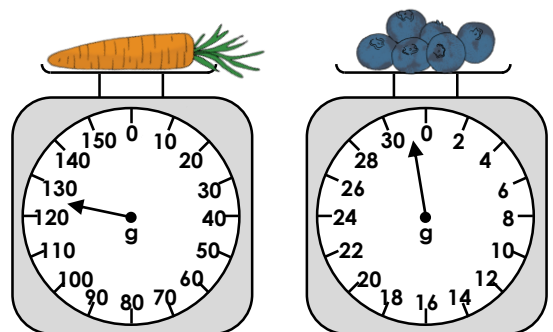
VF

9a. How much do these items weigh?



VF

9b. How much do these items weigh?



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