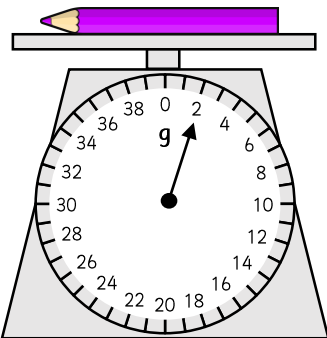
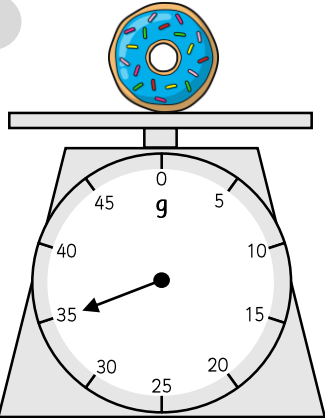
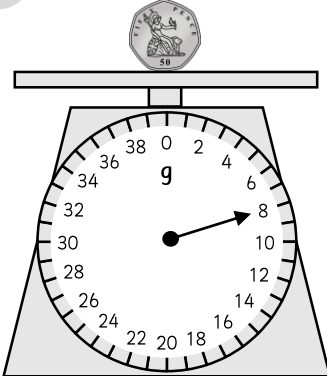
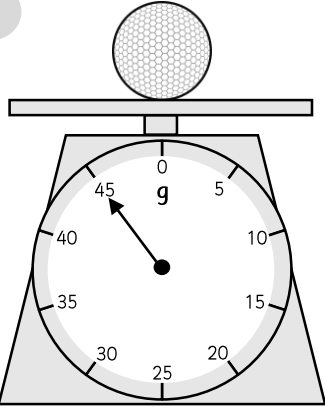
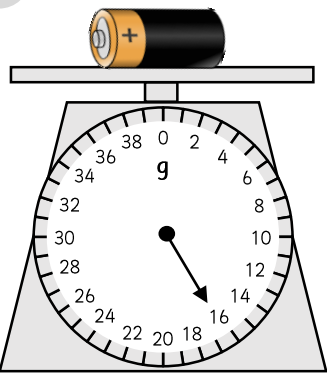
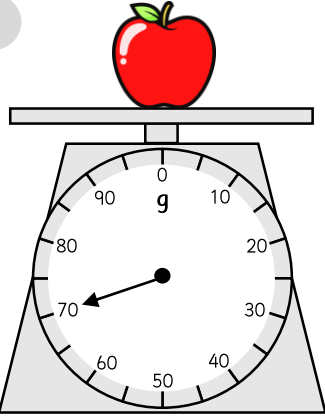
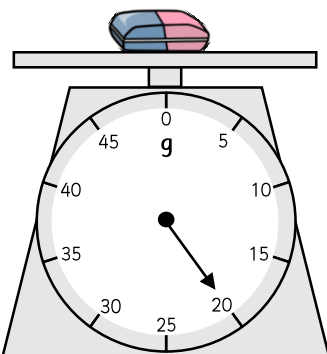
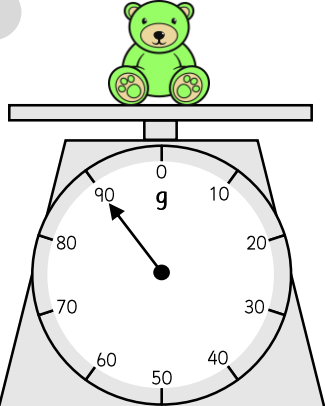


Measure mass (g)



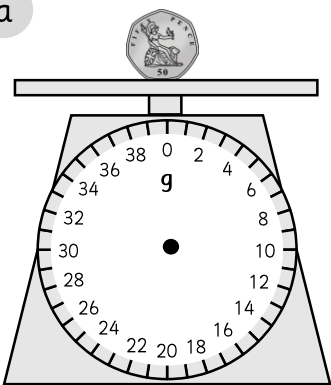
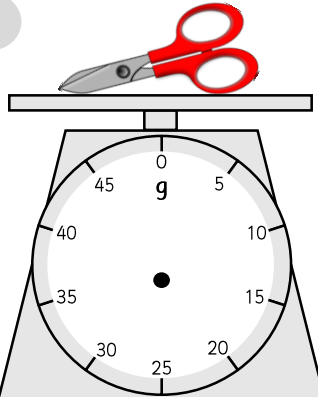
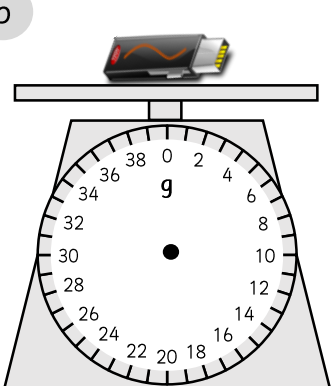
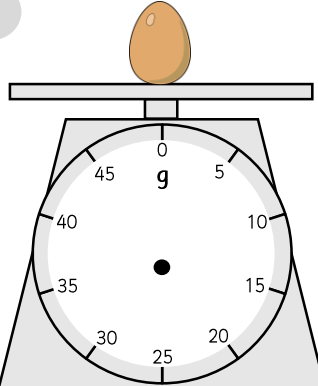
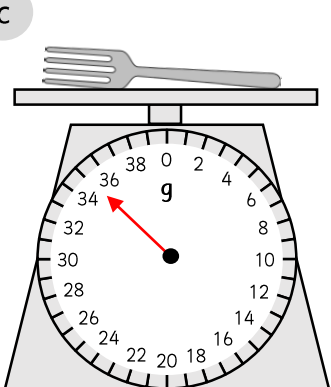
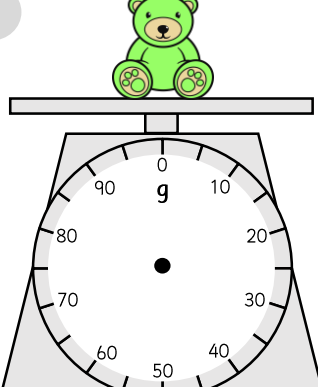
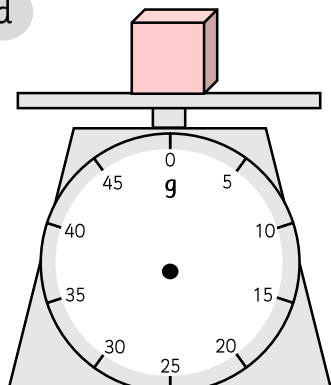
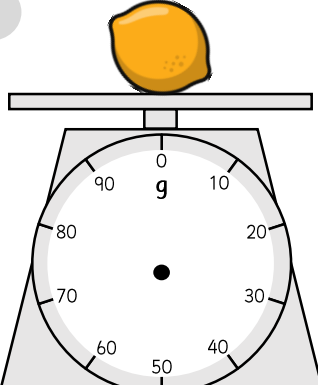
1 Measure the mass of the objects in grams.

<p>a</p>  <p>Mass of a pencil:</p> <input data-bbox="485 445 678 559" type="text"/> g	<p>e</p>  <p>Mass of a doughnut:</p> <input data-bbox="1120 445 1313 559" type="text"/> g
<p>b</p>  <p>Mass of a 50p coin:</p> <input data-bbox="485 890 678 1004" type="text"/> g	<p>f</p>  <p>Mass of a golf ball:</p> <input data-bbox="1120 890 1313 1004" type="text"/> g
<p>c</p>  <p>Mass of a battery:</p> <input data-bbox="485 1336 678 1450" type="text"/> g	<p>g</p>  <p>Mass of an apple:</p> <input data-bbox="1120 1336 1313 1450" type="text"/> g
<p>d</p>  <p>Mass of a rubber:</p> <input data-bbox="485 1781 678 1895" type="text"/> g	<p>h</p>  <p>Mass of a bear:</p> <input data-bbox="1120 1781 1313 1895" type="text"/> g

Measure mass (g)



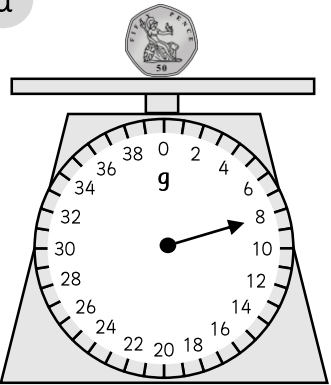
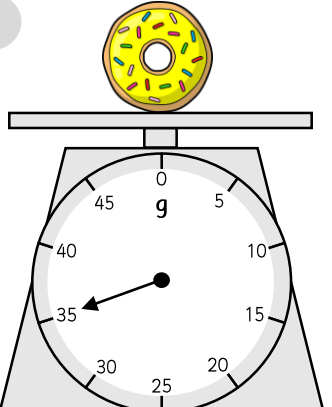
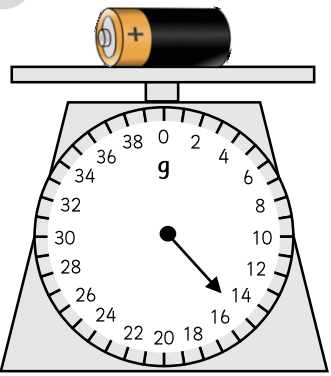
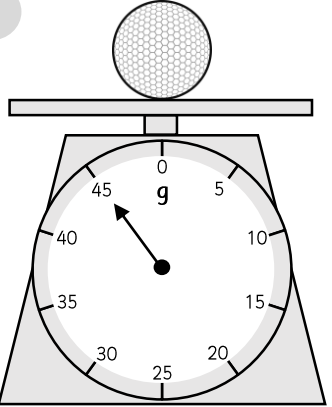
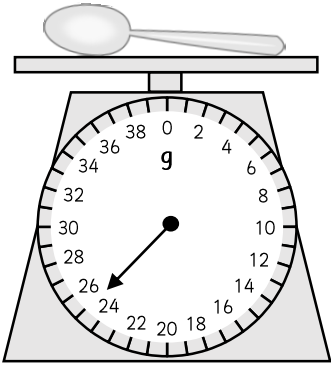
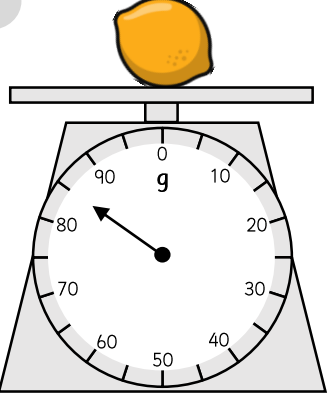
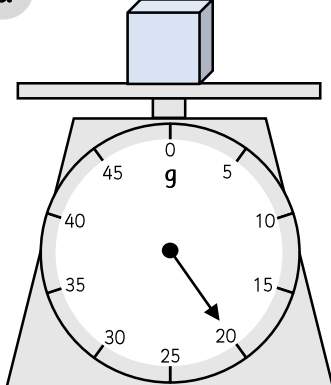
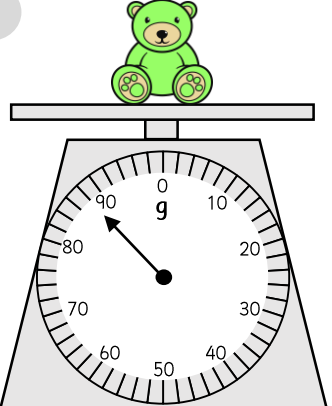
1 Use the scales to record the mass of the objects.

<p>a</p>  <p>Mass of a 50p coin:</p> <div data-bbox="478 445 664 559" style="border: 1px solid black; padding: 5px; display: inline-block;">8 g</div>	<p>e</p>  <p>Mass of scissors:</p> <div data-bbox="1120 445 1306 559" style="border: 1px solid black; padding: 5px; display: inline-block;">30 g</div>
<p>b</p>  <p>Mass of a memory stick:</p> <div data-bbox="478 890 664 1004" style="border: 1px solid black; padding: 5px; display: inline-block;">18 g</div>	<p>f</p>  <p>Mass of an egg:</p> <div data-bbox="1120 890 1306 1004" style="border: 1px solid black; padding: 5px; display: inline-block;">45 g</div>
<p>c</p>  <p>Mass of a fork:</p> <div data-bbox="478 1336 664 1450" style="border: 1px solid black; padding: 5px; display: inline-block;">35 g</div>	<p>g</p>  <p>Mass of a bear:</p> <div data-bbox="1120 1336 1306 1450" style="border: 1px solid black; padding: 5px; display: inline-block;">80 g</div>
<p>d</p>  <p>Mass of a cube:</p> <div data-bbox="478 1781 664 1895" style="border: 1px solid black; padding: 5px; display: inline-block;">20 g</div>	<p>h</p>  <p>Mass of a lemon:</p> <div data-bbox="1120 1781 1306 1895" style="border: 1px solid black; padding: 5px; display: inline-block;">90 g</div>

Measure mass (g)



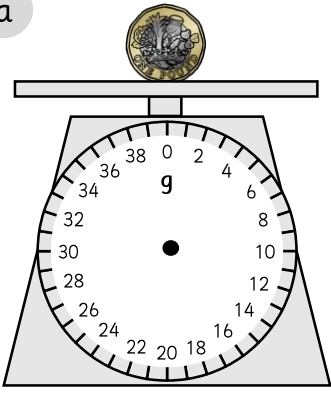
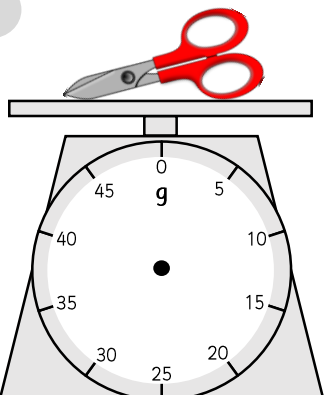
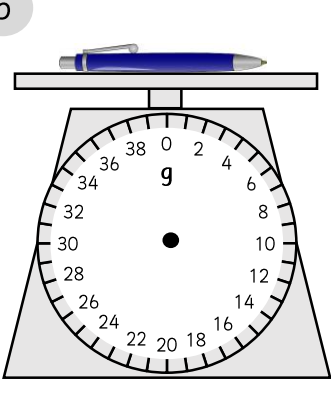
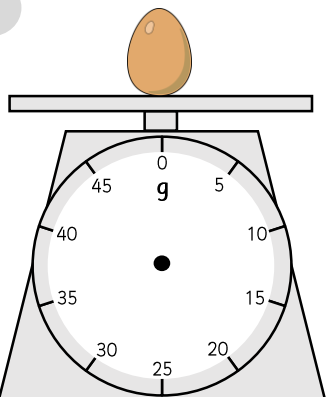
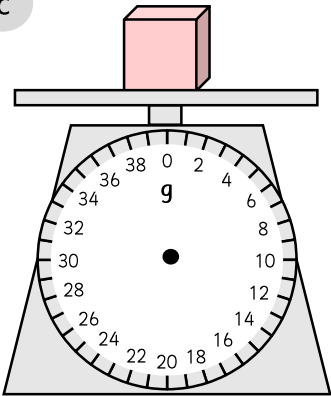
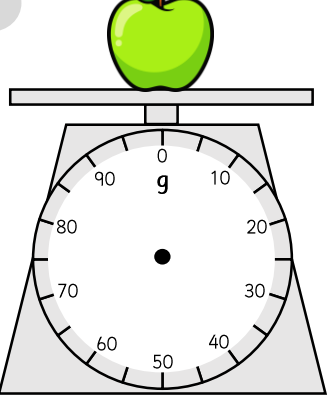
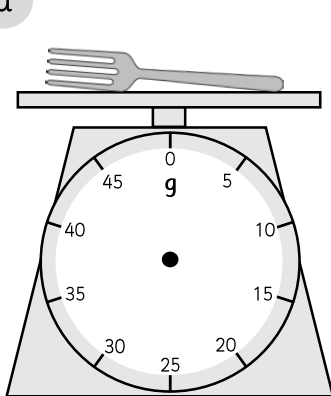
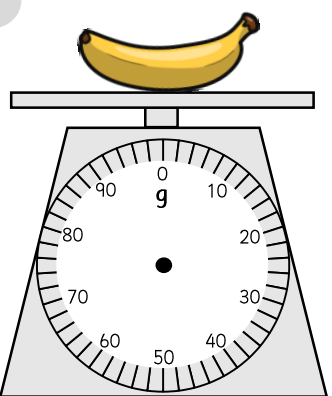
1 Measure the mass of the objects in grams.

<p>a</p>  <p>Mass of a 50p coin:</p> <div style="border: 1px solid black; width: 100px; height: 40px; display: flex; align-items: center; justify-content: center;">g</div>	<p>e</p>  <p>Mass of a doughnut:</p> <div style="border: 1px solid black; width: 100px; height: 40px; display: flex; align-items: center; justify-content: center;">g</div>
<p>b</p>  <p>Mass of a battery:</p> <div style="border: 1px solid black; width: 100px; height: 40px; display: flex; align-items: center; justify-content: center;">g</div>	<p>f</p>  <p>Mass of a golf ball:</p> <div style="border: 1px solid black; width: 100px; height: 40px; display: flex; align-items: center; justify-content: center;">g</div>
<p>c</p>  <p>Mass of a spoon:</p> <div style="border: 1px solid black; width: 100px; height: 40px; display: flex; align-items: center; justify-content: center;">g</div>	<p>g</p>  <p>Mass of a lemon:</p> <div style="border: 1px solid black; width: 100px; height: 40px; display: flex; align-items: center; justify-content: center;">g</div>
<p>d</p>  <p>Mass of a cube:</p> <div style="border: 1px solid black; width: 100px; height: 40px; display: flex; align-items: center; justify-content: center;">g</div>	<p>h</p>  <p>Mass of a bear:</p> <div style="border: 1px solid black; width: 100px; height: 40px; display: flex; align-items: center; justify-content: center;">g</div>

Measure mass (g)



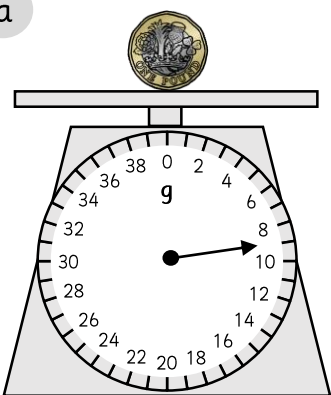
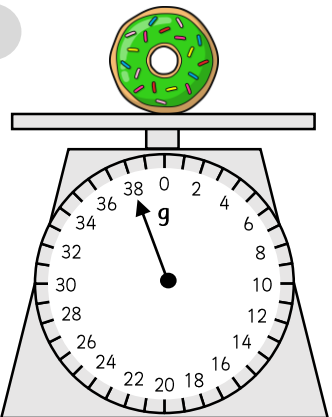
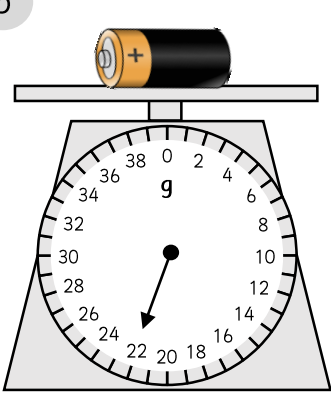
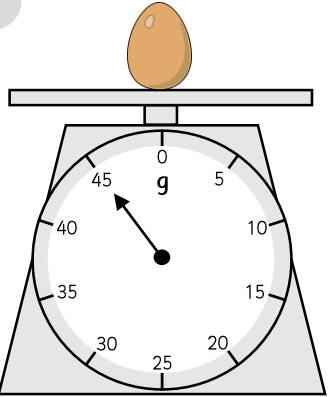
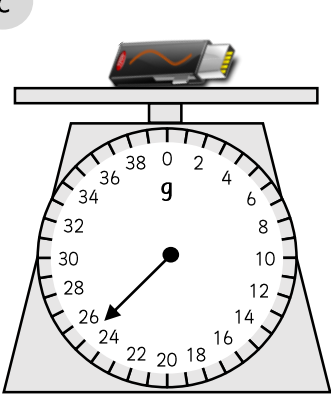
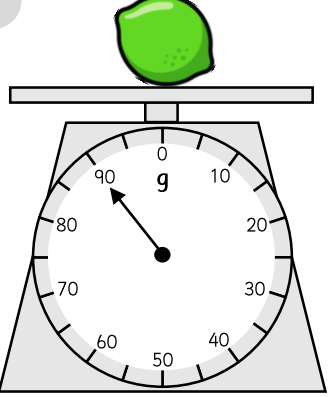
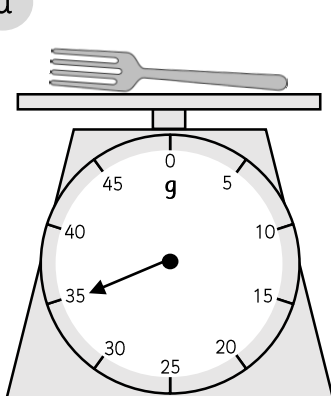
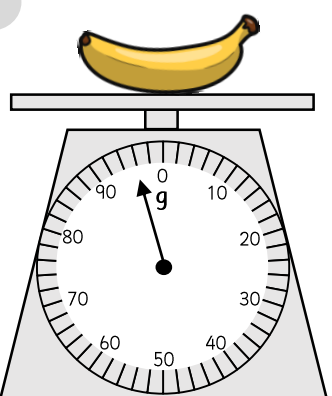
1 Use the scales to record the mass of the objects.

<p>a</p>  <p>Mass of a £1 coin:</p> <div data-bbox="485 445 678 569" style="border: 1px solid black; padding: 5px; display: inline-block;">9 g</div>	<p>e</p>  <p>Mass of scissors:</p> <div data-bbox="1120 445 1313 569" style="border: 1px solid black; padding: 5px; display: inline-block;">35 g</div>
<p>b</p>  <p>Mass of a pen:</p> <div data-bbox="485 895 678 1019" style="border: 1px solid black; padding: 5px; display: inline-block;">18 g</div>	<p>f</p>  <p>Mass of an egg:</p> <div data-bbox="1120 895 1313 1019" style="border: 1px solid black; padding: 5px; display: inline-block;">40 g</div>
<p>c</p>  <p>Mass of a cube:</p> <div data-bbox="485 1344 678 1469" style="border: 1px solid black; padding: 5px; display: inline-block;">26 g</div>	<p>g</p>  <p>Mass of an apple:</p> <div data-bbox="1120 1344 1313 1469" style="border: 1px solid black; padding: 5px; display: inline-block;">85 g</div>
<p>d</p>  <p>Mass of a fork:</p> <div data-bbox="485 1794 678 1918" style="border: 1px solid black; padding: 5px; display: inline-block;">35 g</div>	<p>h</p>  <p>Mass of a banana:</p> <div data-bbox="1120 1794 1313 1918" style="border: 1px solid black; padding: 5px; display: inline-block;">96 g</div>

Measure mass (g)



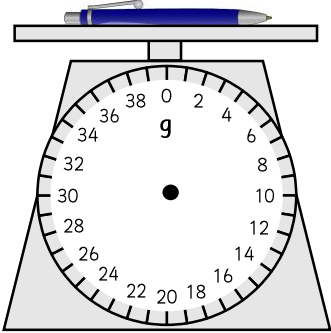
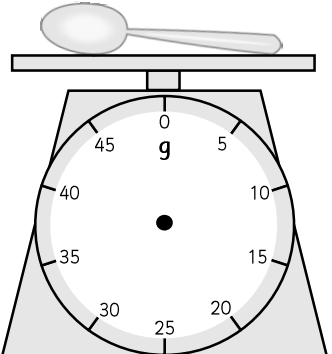
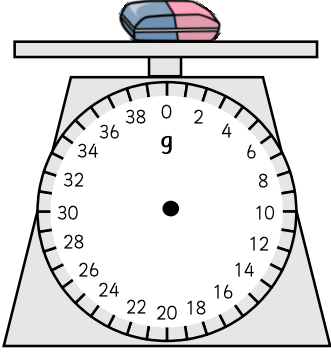
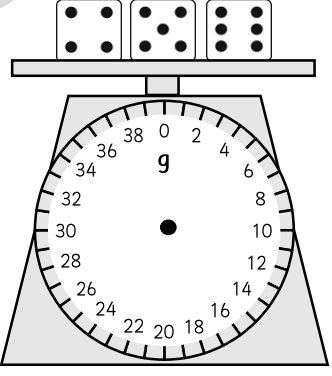
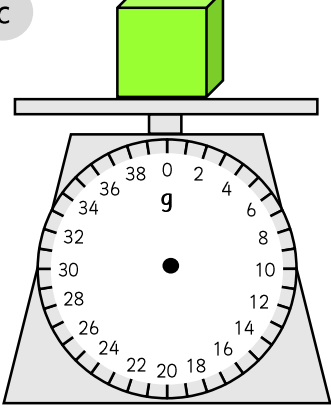
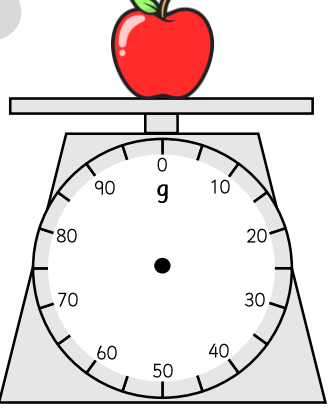
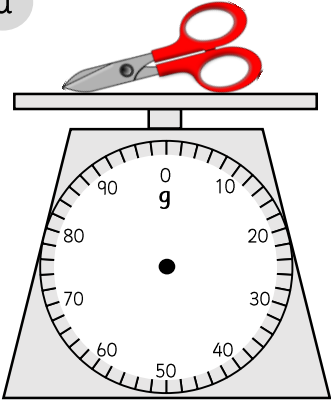
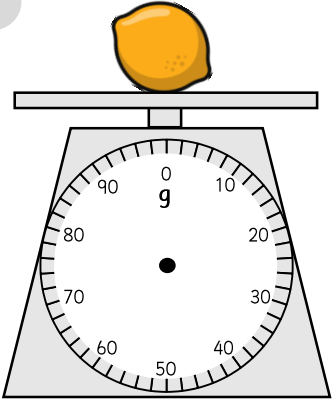
1 Measure the mass of the objects in grams.

<p>a</p>  <p>Mass of a £1 coin:</p> <input data-bbox="499 445 692 559" type="text"/> g	<p>e</p>  <p>Mass of a doughnut:</p> <input data-bbox="1120 445 1313 559" type="text"/> g
<p>b</p>  <p>Mass of a battery:</p> <input data-bbox="499 890 692 1004" type="text"/> g	<p>f</p>  <p>Mass of an egg:</p> <input data-bbox="1120 890 1313 1004" type="text"/> g
<p>c</p>  <p>Mass of a memory stick:</p> <input data-bbox="499 1336 692 1450" type="text"/> g	<p>g</p>  <p>Mass of a lime:</p> <input data-bbox="1120 1336 1313 1450" type="text"/> g
<p>d</p>  <p>Mass of a fork:</p> <input data-bbox="499 1781 692 1895" type="text"/> g	<p>h</p>  <p>Mass of a banana:</p> <input data-bbox="1120 1781 1313 1895" type="text"/> g

Measure mass (g)



1 Measure the mass of the objects in grams.

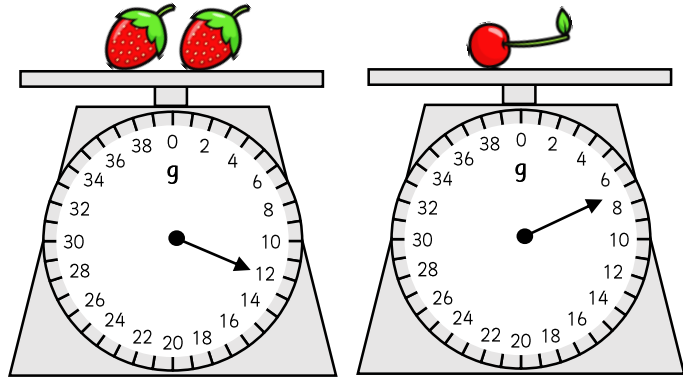
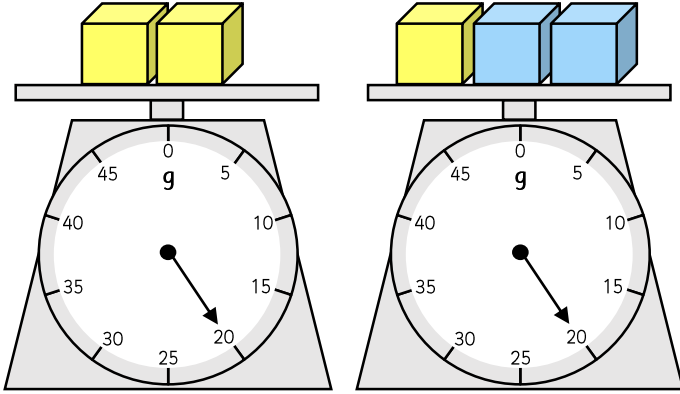
<p>a</p>  <p>Mass of a pen:</p> <p>15 g</p>	<p>e</p>  <p>Mass of spoon:</p> <p>25 g</p>
<p>b</p>  <p>Mass of a rubber:</p> <p>23 g</p>	<p>f</p>  <p>Mass of dice:</p> <p>37 g</p>
<p>c</p>  <p>Mass of a cube:</p> <p>25 g</p>	<p>g</p>  <p>Mass of an apple:</p> <p>85 g</p>
<p>d</p>  <p>Mass of scissors:</p> <p>28 g</p>	<p>h</p>  <p>Mass of a lemon:</p> <p>92 g</p>

Measure mass (g)



Problem solving and reasoning cards:

Which is heavier, the blue cube or the yellow cube? Explain how you know.



One weighs g. The combined mass of all items is _____.

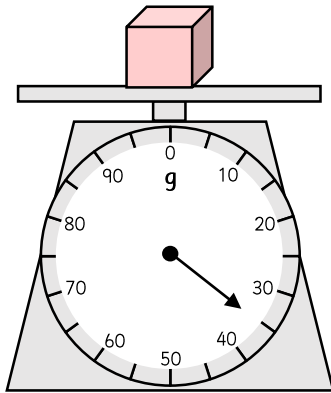
One weighs g.



The mass of the cube is 40g.

Do you agree?

Explain your answer.

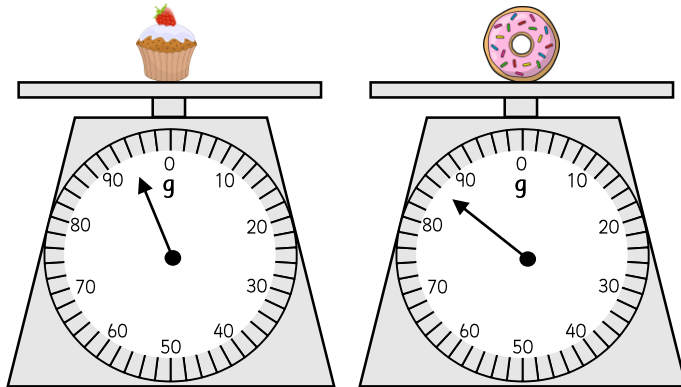
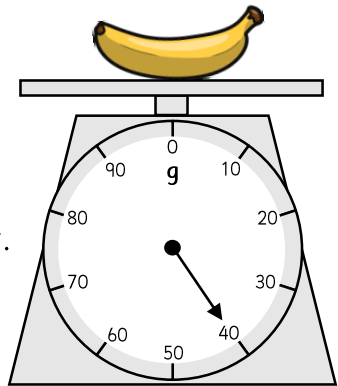


If I add the apple to the scale the weight of both fruits will be 90g.



= 50g.

Is Dom correct?
Explain how you know.



The weighs g.

The weighs g.

Which is heavier, the green bear or the pink bear? Explain how you know.

