

Measurement and Geometry

Using Units of Measurement - Mass

Measurement and Geometry - Using Units of Measurement

Mathematics/Year Three/Measurement and Geometry/Using Units of Measurement/ACMMG036 1

1. Measure, order and compare objects using familiar metric units of length, mass and capacity.
(ACMMG061)

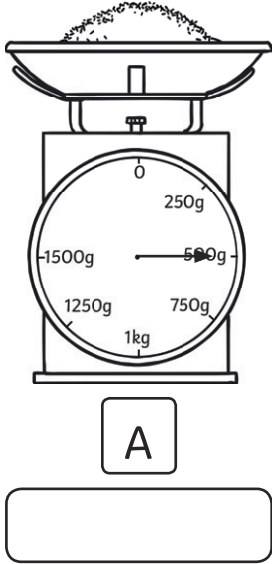
Name:

Date:

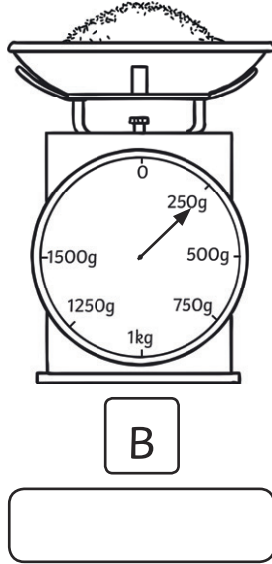
Maths Assessment Year Three: Using Units of Measurement - Mass

1. Look at the scales and record the mass of each object in grams.

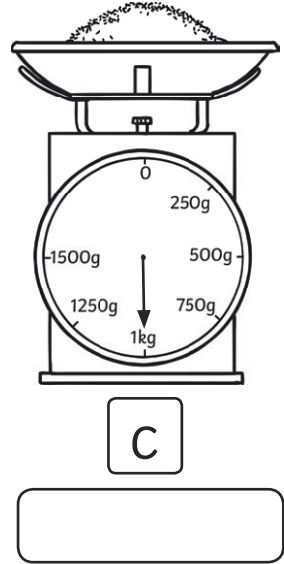
a.



b.



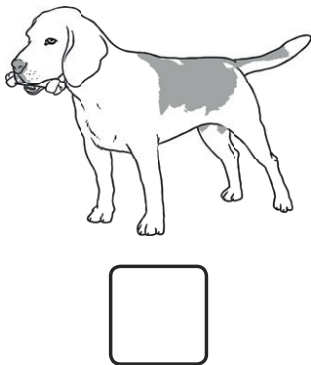
c.



d. Order the above scales from lightest to heaviest.

4 marks

2. Use numbers 1-5 to order these objects from the lightest to the heaviest.

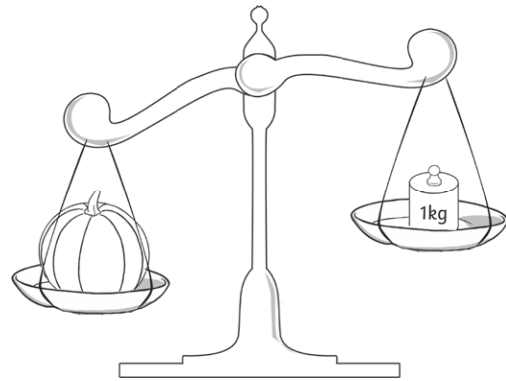


5 marks

total for

3.

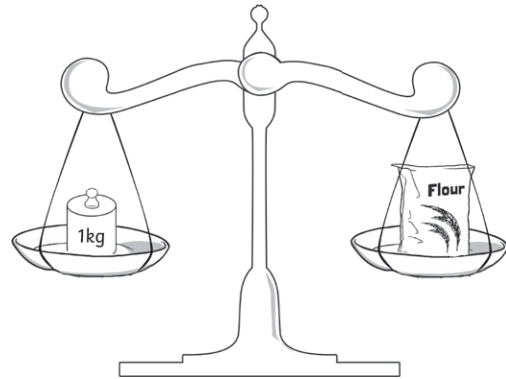
a. The pumpkin weighs _____ than 1 kg.



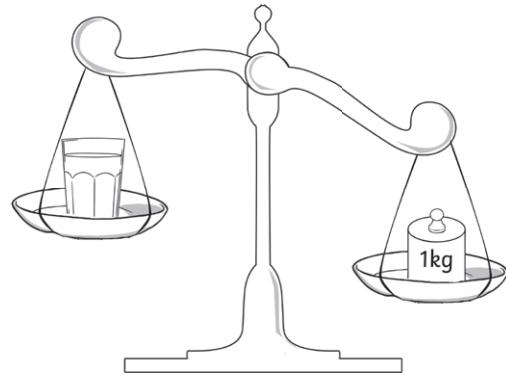
b. The apple weighs _____ than 1 kg.



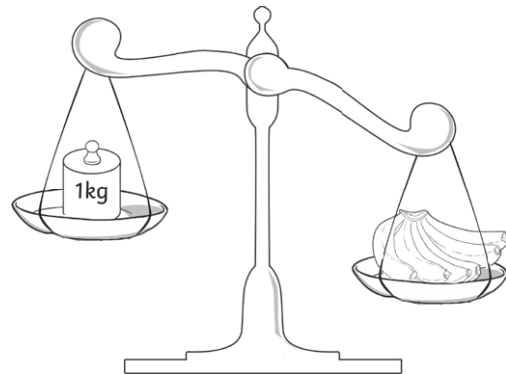
c. The bag of flour _____.



d. The glass of water _____.



e. The bunch of bananas _____.



5 marks

total for this page

4. Theresa bought a bunch of bananas. The mass of the bananas is 4kg. Rebecca also bought some bananas. The mass of her bunch is 250 grams heavier. What is the mass of Rebecca’s bunch of bananas? Show your working.

2 marks

5. Christopher went and collected 3kg worth of lollies for his party. His party guests ate a total mass of 1000 grams. What is the mass of lollies Christopher has left after his party? Show your working.

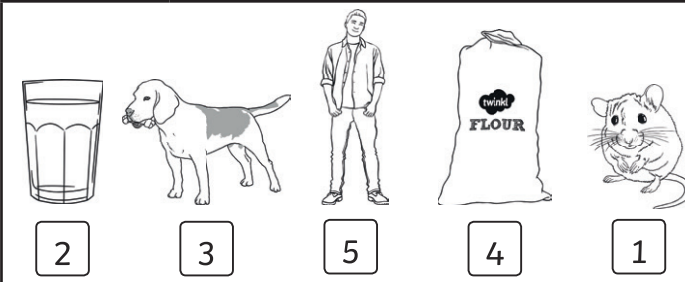
2 marks

6. Sarah bought a new pet dog. The mass of Sarah’s dog is 6kg. She also bought a collar which has a mass of 250 grams. What is the total mass of the dog and the collar? Show your working.

2 marks

****END OF TEST****

total for this page

| Question | Answer | Marks |
|---|---|--|
| 1. Measure, order and compare objects using familiar metric units of length, mass and capacity. | | 4 marks |
| a | 500 grams | 1 |
| b | 250 grams | 1 |
| c | 1000 grams | 1 |
| d | Sugar B, Sugar A, Sugar C | 1 |
| 2. Measure, order and compare objects using familiar metric units of length, mass and capacity. | | 5 marks |
|  | | <p>Award children one mark for every correct number they place in the correct order.</p> <p>5</p> |
| 3. Measure, order and compare objects using familiar metric units of length, mass and capacity. | | 5 marks |
| a | More | 1 |
| b | Less | 1 |
| c | The bag of flour weighs the same as 1 kilogram. | 1 |
| d | The glass of water weighs less than 1 kilogram. | 1 |
| e | The bunch of bananas weight more than 1 kilogram. | 1 |
| 4. Measure, order and compare objects using familiar metric units of length, mass and capacity. | | 2 marks |
| $4000\text{g} + 250\text{g} = 4250\text{g}$ 4.25 kilograms or 4250 grams | | <p>Award children one mark for showing their working out.</p> <p>Award children one mark for the correct answer. They may write their answer in grams or kilograms.</p> <p>2</p> |
| 5. Measure, order and compare objects using familiar metric units of length, mass and capacity. | | 2 marks |
| $3\text{ kilograms} - 1\text{ kilogram} = 2\text{ kilograms}$ $3000\text{ grams} - 1000\text{ grams} = 2000\text{ grams}$ 2 kilograms or 2000 grams | | <p>Award children one mark for showing their working out.</p> <p>Award children one mark for the correct answer. They may write their answer in grams or kilograms.</p> |
| 6. Measure, order and compare objects using familiar metric units of length, mass and capacity. | | 2 marks |
| $6000\text{ grams} + 500\text{ grams} = 6500\text{ grams}$ $6\text{ kilograms} + \frac{1}{2}\text{ kilogram} = 6.5\text{ kilograms}$ 6.25 kilograms or 6250 grams | | <p>Award children one mark for showing their working out.</p> <p>Award children one mark for the correct answer. They may write their answer in grams or kilograms.</p> |
| Total | | 20 marks |