



Mass and Capacity

Skills

- Measure mass
- Compare mass
- Add and subtract mass
- Measure capacity
- Compare capacity
- Add and subtract capacity

Measure and Compare Mass



Scales can be used to measure grams. A gram is a unit of measurement that is used to measure the mass of something. Grams can be written as g.

Scales can be used to measure kilograms. A kilogram is a unit of measurement that is greater than a gram. It is also used to measure the mass of something. Kilograms can be written as kg.

$$1,000g = 1kg.$$



Measure and Compare Capacity

Vocabulary

Mass, gram (g), kilogram (kg), capacity, volume, millilitre (ml), litre (l), light, lighter, lightest, heavy, heavier, heaviest, scales

Add and Subtract Mass



It is important to remember that different scales can have different increments. Always look carefully at the scale.

$$600g + 500g = 1,100g = 1kg 100g$$

$$1,000g + 650g = 1,650g = 1kg 650g$$

$$1kg - 300g = 1000g - 300g = 700g$$

$$500g - 250g = 250g$$

Capacity is the amount of liquid a container can hold. Volume is how much liquid is in the container.

Measuring cylinders can be used to measure smaller volumes. Smaller volumes are measured in millilitres. Millilitres can be written as ml.

Measuring jugs can be used to measure larger volumes. Greater volumes are measured in litres. Litres can be written as l.

$$1,000ml = 1litre.$$

Add and Subtract Capacity



It is important to remember that different scales can have different increments. Always look carefully at the scale.

$$800ml + 400ml = 1,200ml = 1l 200ml$$

$$1,000ml + 250ml = 1,250ml = 1l 250ml$$

$$1l 300ml - 200ml = 1l 100ml$$

$$700ml - 150ml = 550ml$$