



THIRD SPACE
LEARNING

Ready-to-go Lesson Slides

Year 2

Measurement Lesson 2

Please note: balance scales,
weighing scales and gram
weights needed for some
activities

At Third Space Learning we provide personalised online lessons from specialist maths tutors to support the target groups in your school.

These ready-to-go slides are designed to work alongside our interventions to supplement quality first teaching and raise attainment in maths for all pupils.

To find out more about how you could use our 1-to-1 interventions year-round to boost maths progress in your school then get in touch:

020 3771 0095

hello@thirdspacelearning.com

Boosting maths progress through 1-to-1 conversations...



To measure mass in grams

- ☐ I know that grams is a unit of measure for mass
- ☐ I can read scales showing mass in grams

Starter:

Amish says, 'Because the scales are balanced, a pear weighs the same as a lolly.' Is he correct?



To measure mass in grams

- ☐ I know that grams is a unit of measure for mass
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Starter:

Amish says, 'Because the scales are balanced, a pear weighs the same as a lolly.' Is he correct?

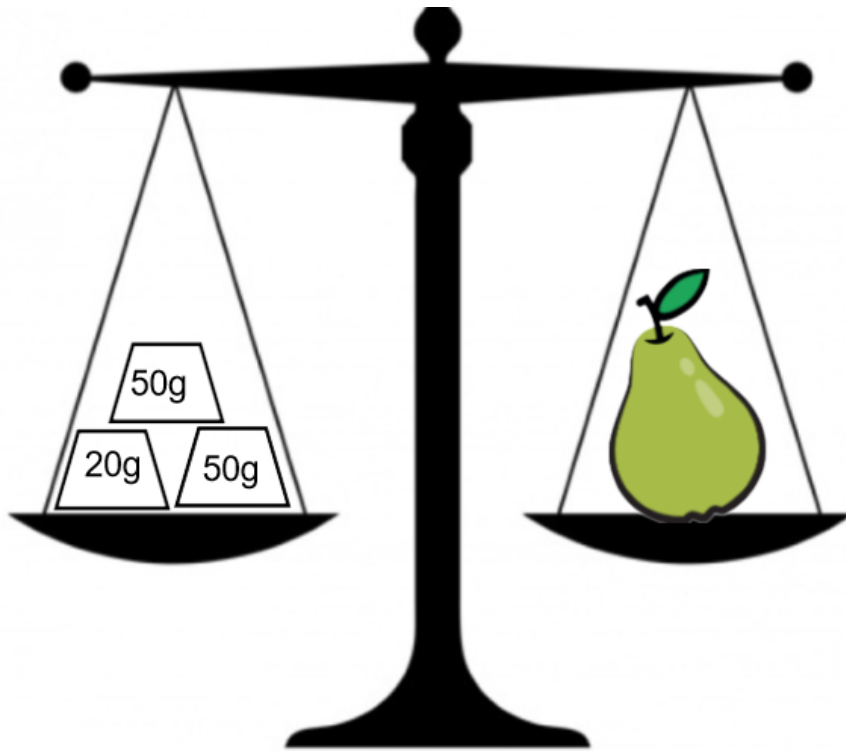
He is not correct because there are 4 lollies and 1 pear. The pear weighs more than one lolly.



To measure mass in grams

Talking time:

How much does the pear weigh?

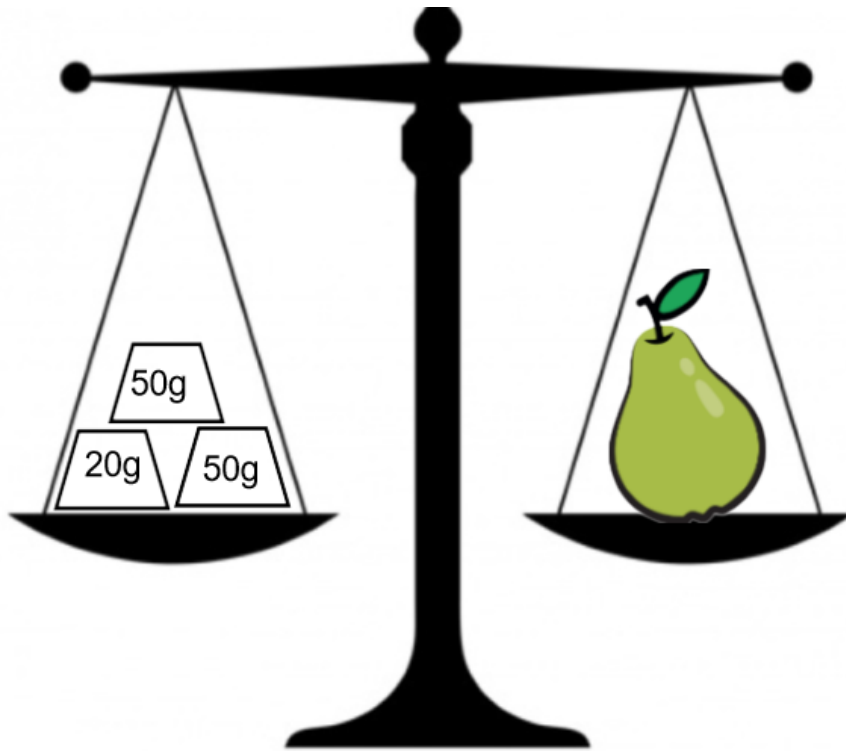


The pear weighs ____ grams.

To measure mass in grams

Talking time:

How much does the pear weigh?



The pear weighs **120** grams.

To measure mass in grams

Talking time:

Who wants to come up and measure the weight of this object using a balance scale and gram weights?

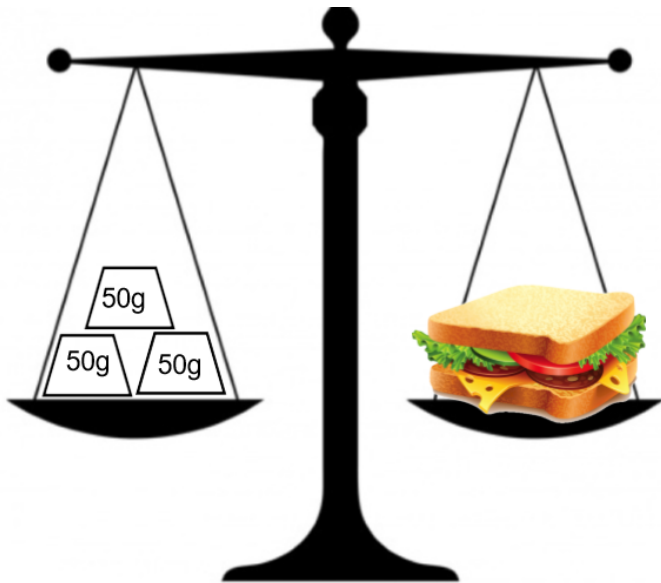


The _____ weighs _____ grams.

To measure mass in grams

Talking time:

How much does the sandwich weigh?

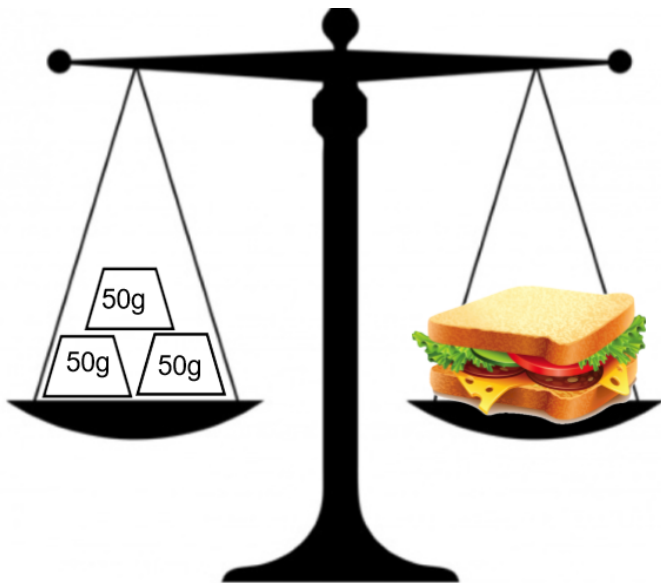


The sandwich weighs ____ grams.

To measure mass in grams

Talking time:

How much does the sandwich weigh?



The sandwich weighs **150** grams.

To measure mass in grams

Activity 1:

Use gram weights to measure the mass of objects using a balance scale.

The _____ weighs _____ grams.

**Extension:**

Order your items from heaviest to lightest.

To measure mass in grams

Activity 1:

Use gram weights to measure the mass of objects using a balance scale.

The _____ weighs _____ grams.

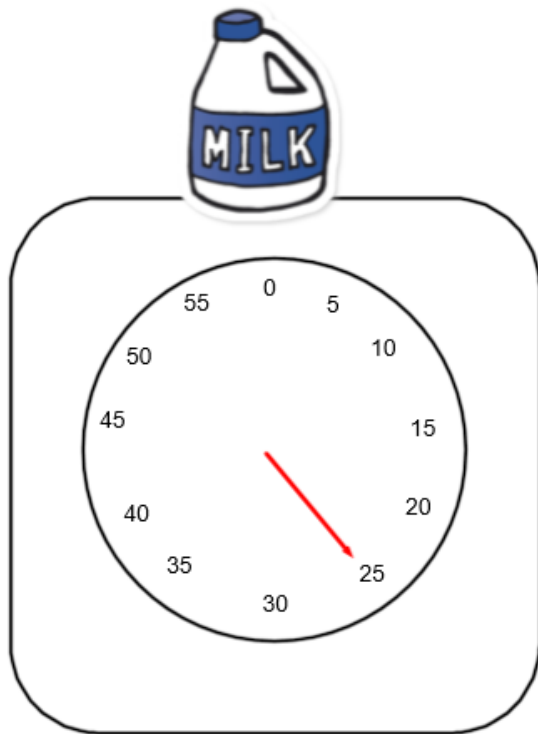
Answers dependent on
children's items

**Extension:**

Order your items from
heaviest to lightest.

To measure mass in grams

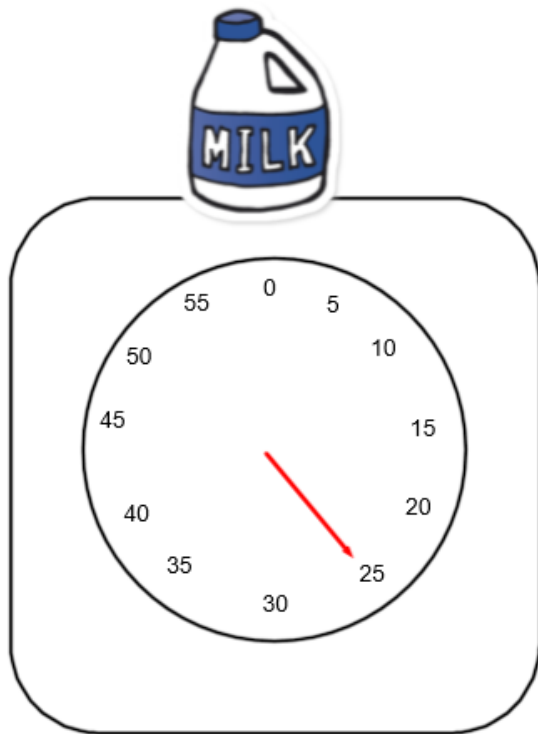
Talking time:



The milk weighs _____ grams.

To measure mass in grams

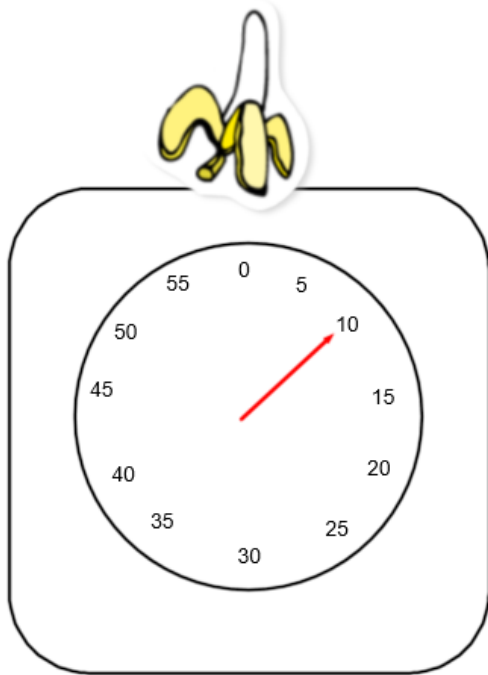
Talking time:



The milk weighs **25** grams.

To measure mass in grams

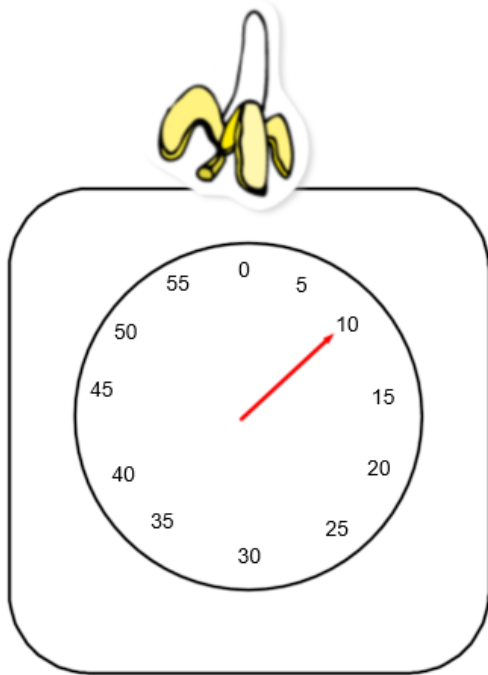
Talking time:



The banana weighs _____ grams.

To measure mass in grams

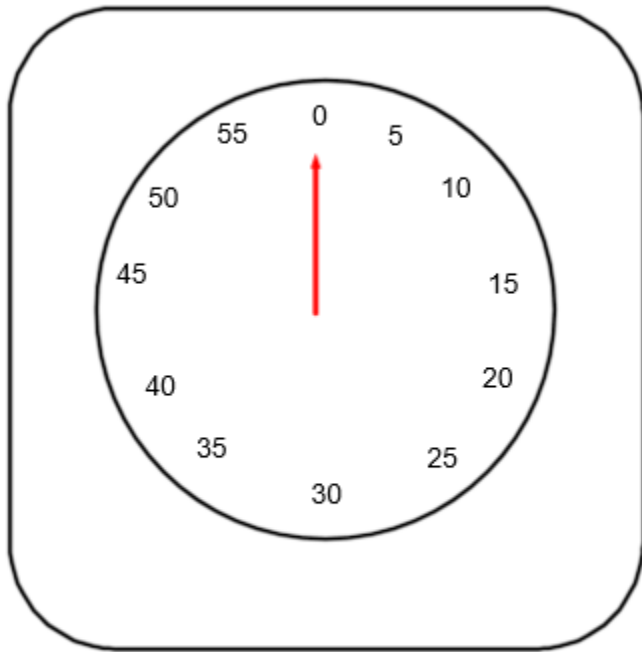
Talking time:



The banana weighs **10** grams.

To measure mass in grams

Talking time:



Who wants to come and weigh an object using the scales?

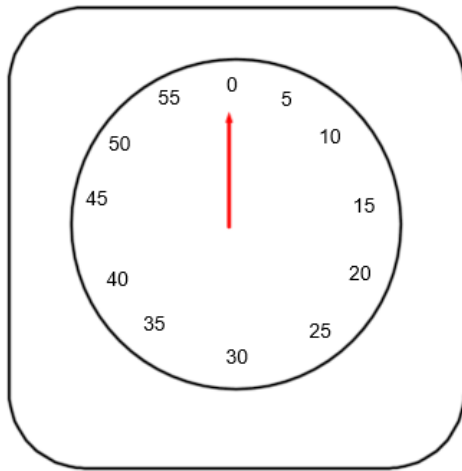
The _____ weighs _____ grams.

To measure mass in grams

Activity 2:

Use scales to record the mass of some objects.

The _____ weighs _____ grams.

**Extension:**

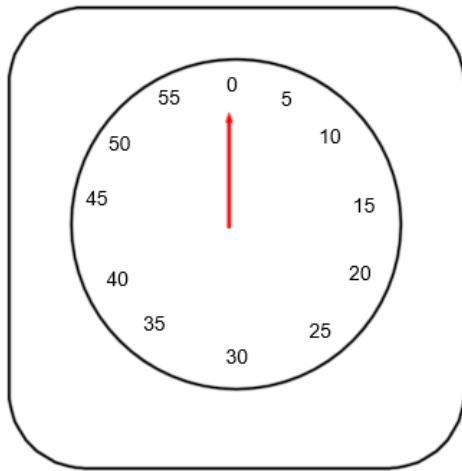
Order your objects from heaviest to lightest.

To measure mass in grams

Activity 2:

Use scales to record the mass of some objects.

The _____ weighs _____ grams.



Answers dependent on children's items.

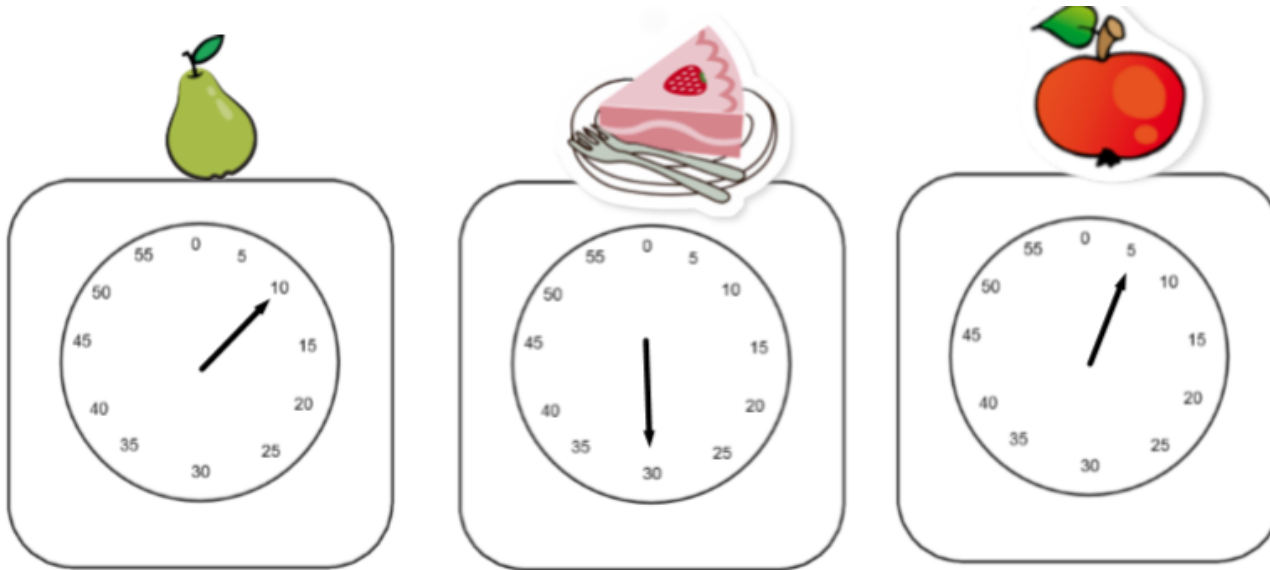
Extension:

Order your objects from heaviest to lightest.

To measure mass in grams

Talking time:

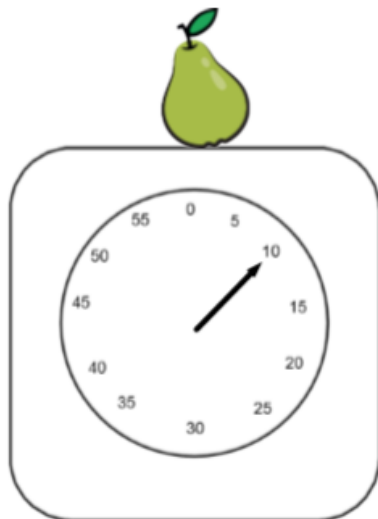
Order these items from heaviest to lightest.



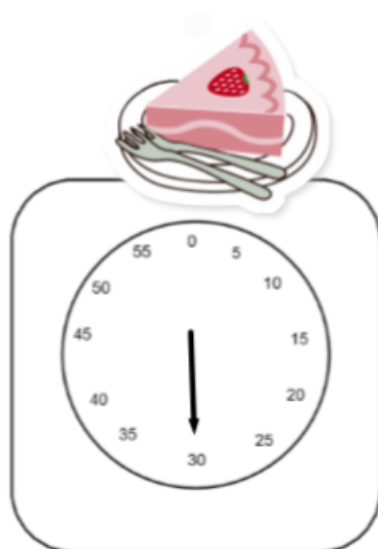
To measure mass in grams

Talking time:

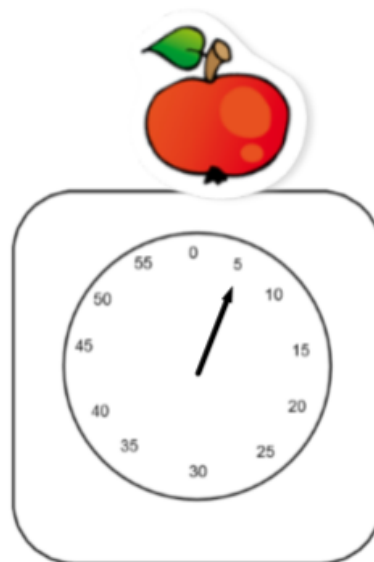
Order these items from heaviest to lightest.



2



1

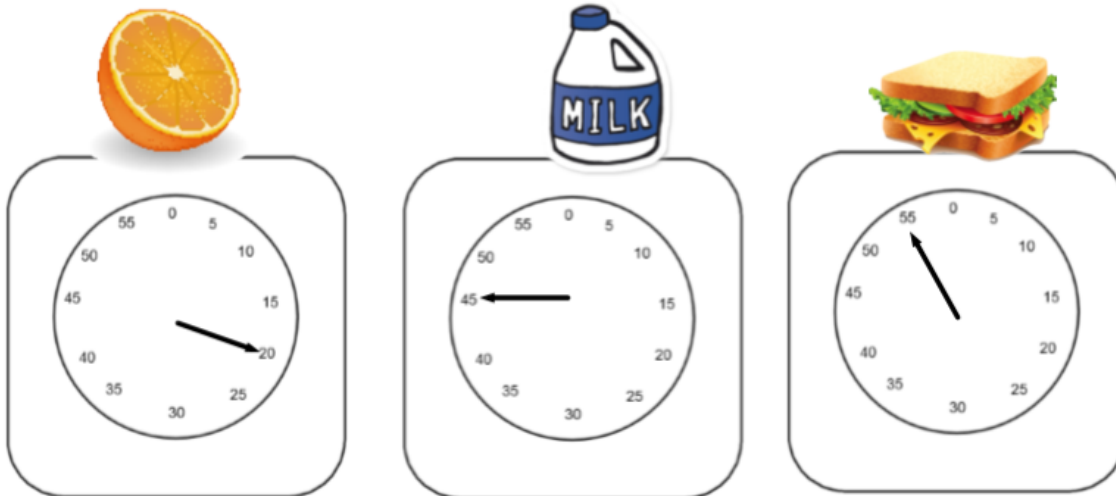


3

To measure mass in grams

Activity 3:

Order these items from heaviest to lightest.

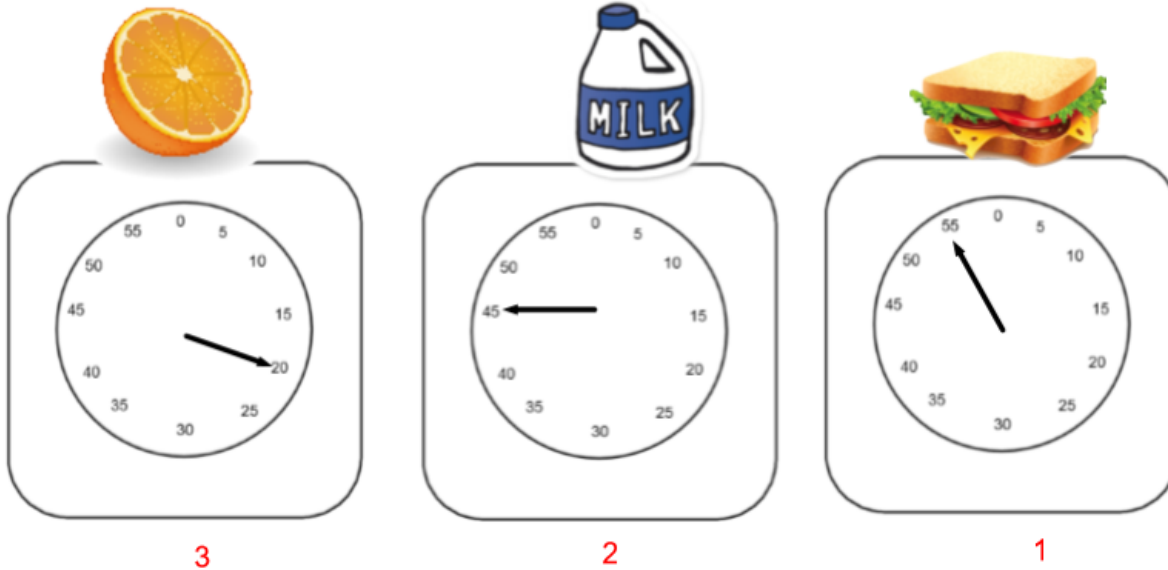
**Extension:**

How much heavier is the sandwich than the orange?

To measure mass in grams

Activity 3:

Order these items from heaviest to lightest.

**Extension:**

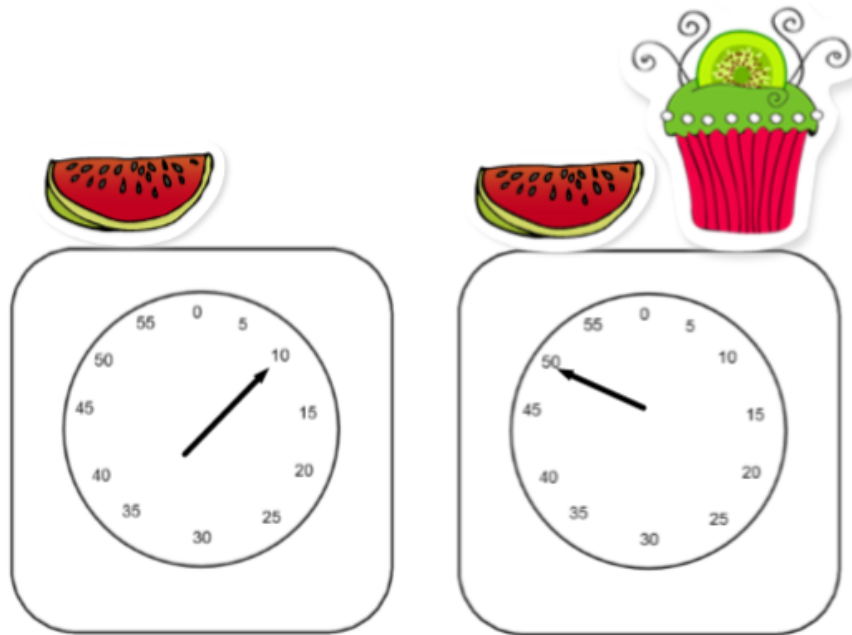
How much heavier is the sandwich than the orange?

To measure mass in grams

- ☐ I know that grams is a unit of measure for mass
- ☐ I can read scales showing mass in grams

Evaluation:

How much does the watermelon weigh? How much does the cupcake weigh? How do you know?



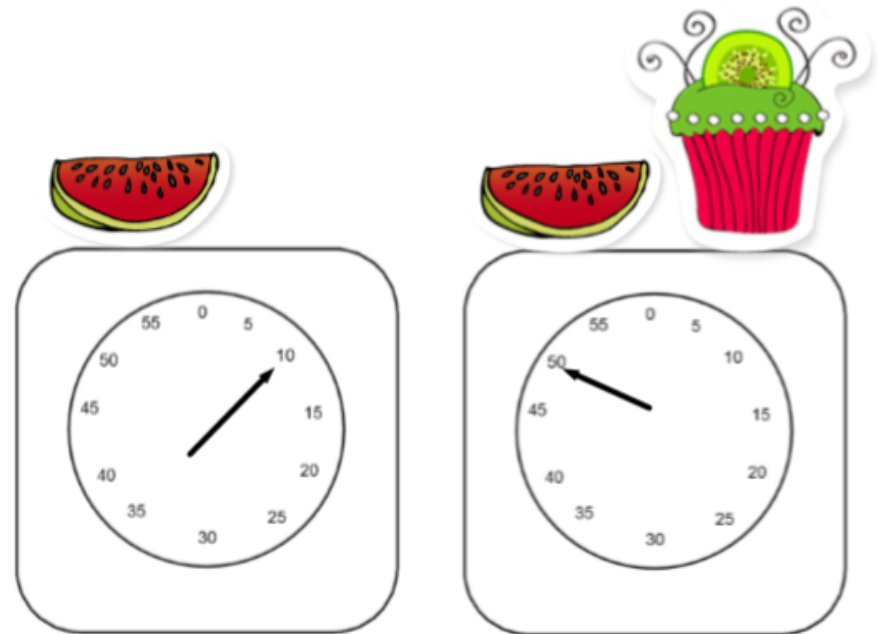
To measure mass in grams

- ☐ I know that grams is a unit of measure for mass
- ☐ I can read scales showing mass in grams

Evaluation:

How much does the watermelon weigh? How much does the cupcake weigh? How do you know?

The watermelon weighs 10 grams.
The cupcake weighs 40 grams
because when the cupcake is added
the mass increases from 10 to 50
which is 40 grams difference.






Do you have a group of pupils who need a boost in maths this term?

Each pupil could receive a personalised lesson every week from our specialist 1-to-1 maths tutors.

- Raise attainment
- Plug any gaps or misconceptions
- Boost confidence

Speak to us:

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