

Comparing Mass

Home Learning Challenges

Can you order three objects using the language 'heavy', 'heavier' and 'heaviest'? Pick up the objects to feel the weight and compare them.



Can you be a human balancing scale? Ask your grown-up to pass you an object to hold in each hand. Which is heavier? Which is lighter? How can you show this with your arms? What happens if they weigh the same?



Can you order three objects using the language 'light', 'lighter' and 'lightest'? Pick up the objects and compare how they feel.

Ask your grown-up to give you two mystery bags. One is heavy and one is light. What do you think could be in each bag? Talk about your ideas and draw the object that you think could be in each mystery bag. Are heavy things always big? Are light things always small?

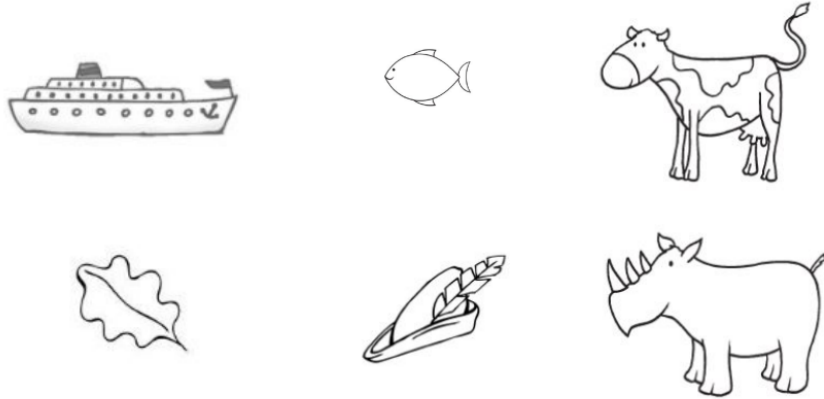


Take one piece of fruit. Can you find an object that is heavier than that piece of fruit? Can you find an object that is lighter? Can you find something that is equal in weight to the fruit?

Follow a recipe with an adult to make a tasty treat. Can you help to weigh the different ingredients? Talk about how the balance scales change as you add more.

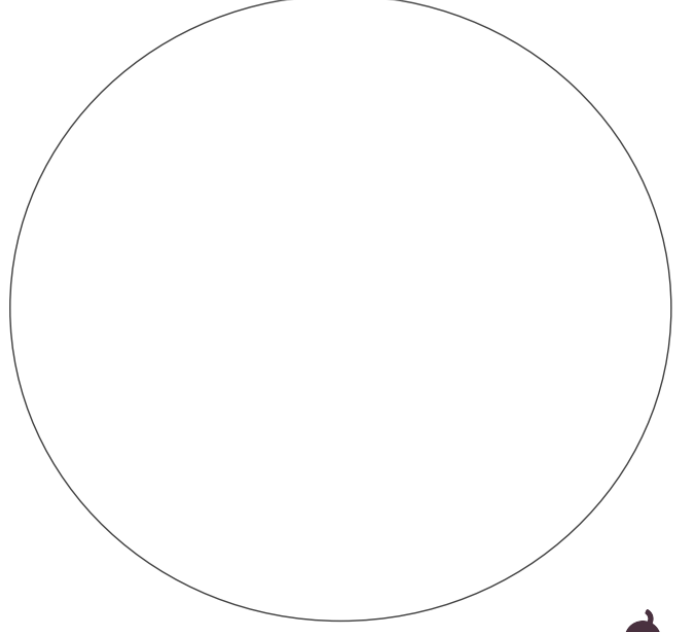
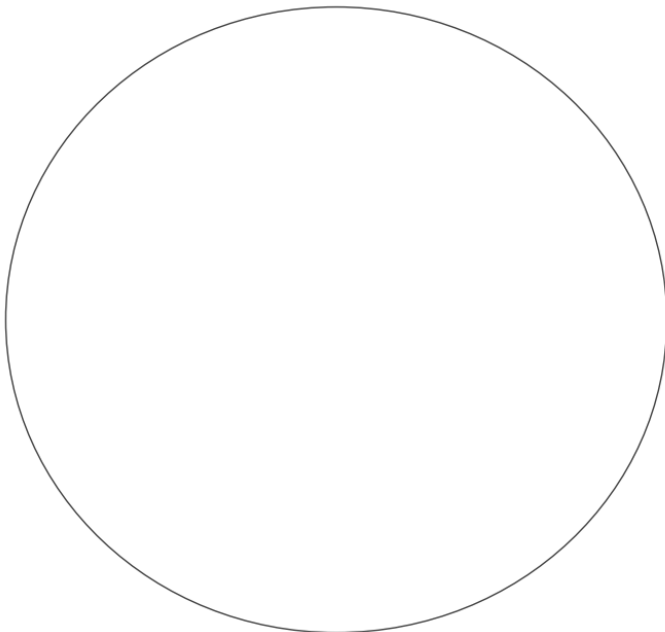


**Can you sort the objects from heavy and light?
Which do you think would be the heaviest?
Lightest? Why?**



Heavy

Light



Comparing Fruit Mass

Look at the fruit on the equal-arm scales. Finish the sentences below each picture to make the statement true using the words **heavier**, **lighter** or **equal**.



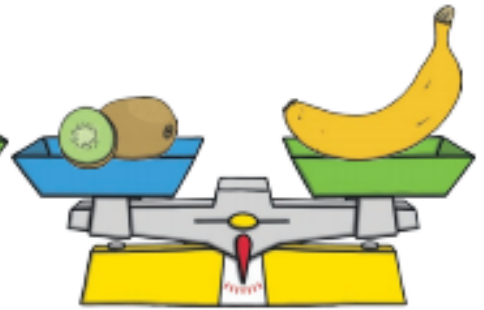
The apple is

than the pineapple.



The orange is

than the blueberries.



The kiwi fruit is

to the banana.



The strawberry is

than the mango.



The banana is

than the cherries.



The orange is

to the apple.

Challenge

Compare how heavy the fruit from your lunchbox is with someone else's fruit in your class. Was it heavier, lighter or equal?

Weights and Measures Scavenger Hunt

Friday Extension

Collect:

tick

- The lightest object.
- The smallest stone.
- A stick which is about 10cm long.
- A coin.
- The longest leaf.
- Something that will fall the slowest.
- Something that is longer than a hand span.
- The widest piece of bark.
- A flower that is smaller than a thumbnail.
- Something that will float on water.
- A blade of grass the same length as my thumb.
- Two different things which are exactly the same height.



Measure:

- How many times you can jump in 60 seconds.
- How many times you can clap in ten seconds.
- How many star jumps you can do in 1 minute.



Challenge:

- Who can keep frozen still whilst estimating 1 minute?