

## Focus

- 1 The picture shows a playground.

Some people are moving.

Some people are not moving.

How are some people moving?

Colour in only the people who are moving.



- 2 Things move all around us.

Some things have lots of moving parts.

A bicycle has lots of moving parts.

Look at this picture of Zara riding her bicycle.

Draw a circle around the moving parts of the bicycle.



- 2 Think about all the things you move when at home and at school. Think of things you have pushed and things you have pulled. Draw pictures of three things that move when you push them.

Draw pictures of three things that move when you pull them.



3 This is an arrow: →

Draw arrows on the pictures to show pushes.

- a Show the push that the boy gives to the ball.
- b Show the push that the girl gives to the ball.





- 1 Some things need a little push or pull force.  
Some things need a big push or pull force.  
Draw a circle around the biggest push.



Draw a circle around the biggest pull.



3 Sofia gives a big push and the ball goes a long way.

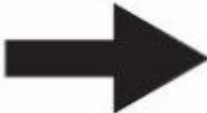


Look at the table below.

With a big push, will the car or ball go a long way or a short way?

With a small push, will the car or ball go a long way or a short way?

In the table draw a circle around 'a long way' or 'a short way'.

|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
|  |  |  |  |
| a long way                                                                          | a long way                                                                          | a long way                                                                           | a long way                                                                            |
| a short way                                                                         | a short way                                                                         | a short way                                                                          | a short way                                                                           |

2 You can change the shape of some things that don't float.

You can change them so that they float.

Look at these clay shapes.

Draw a circle around the shapes that will float.

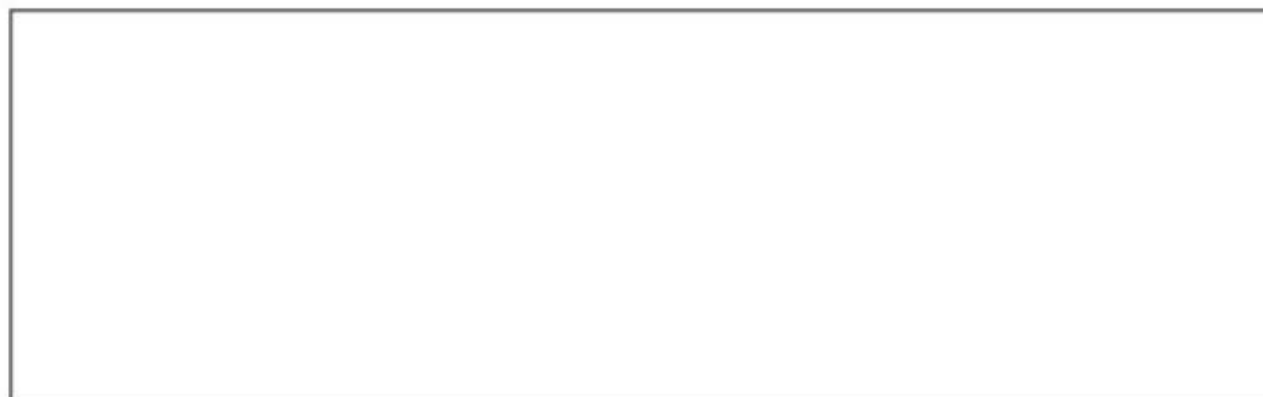
Put a cross (X) on the shapes that will sink.



Draw another shape that will sink.



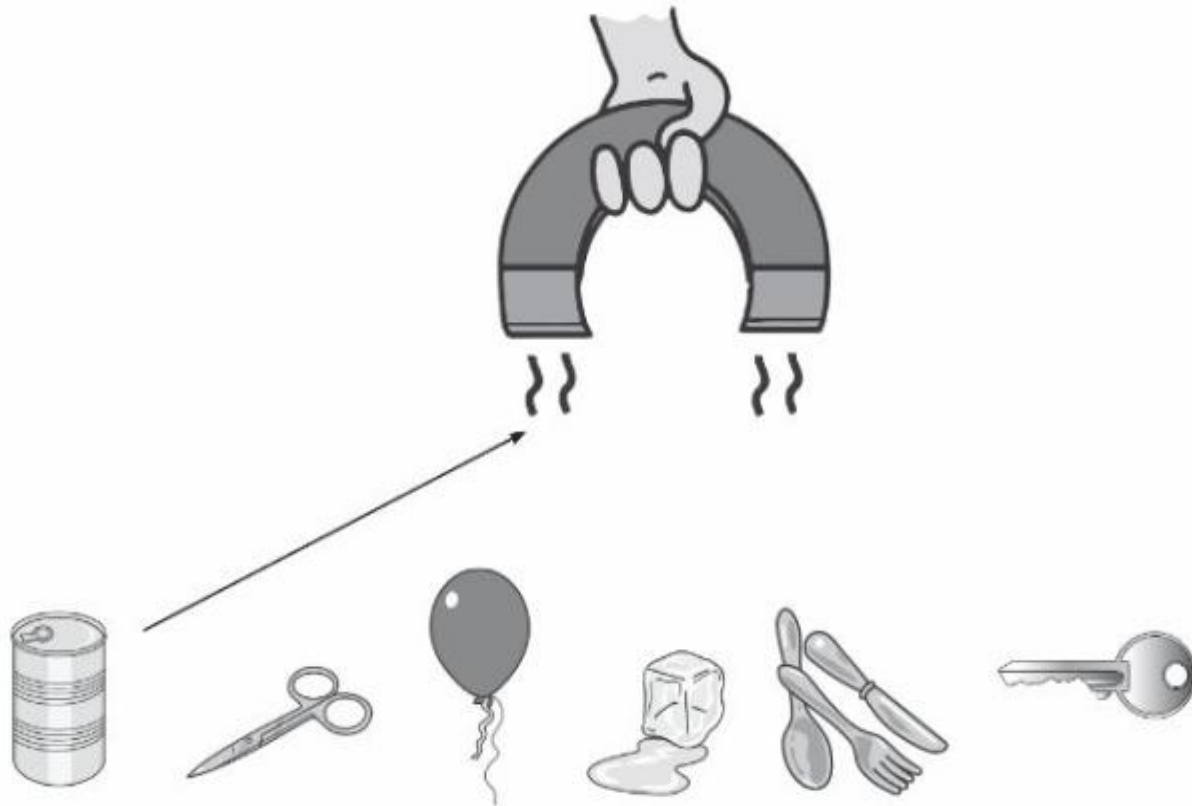
Draw another shape that will float.



4 Magnets pull magnetic materials towards them.

Look at the pictures. Some materials are magnetic and other materials are non-magnetic.

Draw arrows to show the pulling force on the magnetic materials.



Why does the magnet not pull on the rubber balloon?

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