

## Forces quiz

1 What is a force?

a push or a pull

2 What are forces measured in?

newtons

3 What are the ends of a magnet called?

poles

4 What materials are magnets made from?

ferromagnetic metals (iron, nickel and cobalt)

5 What happens when two north poles are put together?

they repel each other

6 What is 'magnetic attraction'?

when a magnet attracts iron, nickel and cobalt

7 What does Earth's gravity do?

pulls everything towards the ground

8 What is the force that occurs when two objects rub together?

friction

9 Can you give an example of a contact force?

push, pull or friction

10 Can you give an example of a non-contact force?

magnetism or gravity

11 What would you use to measure a force?

newton meter or force meter

**12** Where will a pivot magnet point?

to the magnetic north and south poles

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**13** What happens when a north pole and a south pole are put together?

they attract each other

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**14** Would you feel heaviest on Earth or on the Moon?

on Earth

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**15** You're playing with a parachute on the playground. What forces are acting on the parachute?

air resistance and gravity

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