

Science Reinforcement Worksheet

Q1. Write a sentence using these words in this order.

salt water dissolves solution

Draw lines to match the words with their meanings.

mixture

something with holes used to sort
smaller bits of solid from larger bits

separating

a jumble of different materials

sieve

sorting different materials

sieving

using a sieve to separate mixtures
of solids

Q2.

Q3. Molly wants to make a model speed boat.

a Which is the best shape for her boat? Tick *one* box.



b Why did you choose this shape? _____

3 Which picture shows where high friction is useful?

A



B



C



D



3 Which shape has the lowest water resistance?

A



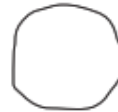
cylinder

B



disc

C



sphere

D



cube

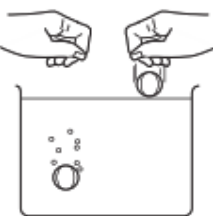
3Ec

1 What is water resistance?

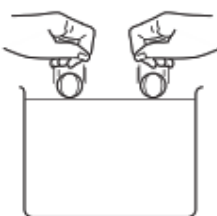
- A A force that slows down things moving through water.
- B A force that speeds up things moving through water.
- C A force that makes things float.
- D The reason you get wet when it rains.

2 Which drawing shows the best way to find out which shapes have the lowest water resistance?

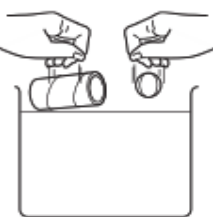
A



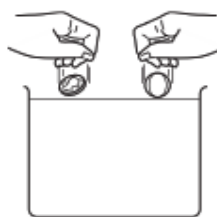
B



C



D



4Ed

1 How does air resistance depend on size?

- A It doesn't.
- B The bigger the object, the smaller the air resistance.
- C The smaller the object, the bigger the air resistance.
- D The bigger the object, the bigger the air resistance.

2 Which of these things needs a large air resistance?

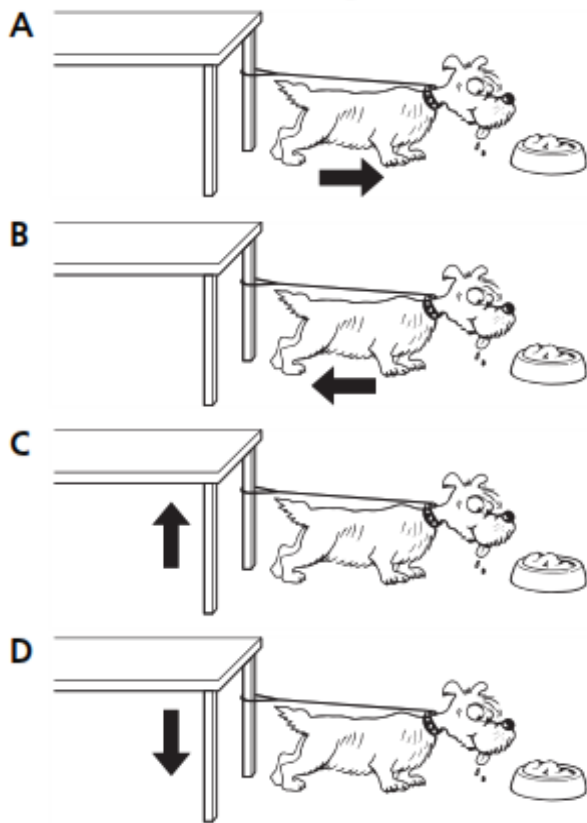
- A an aeroplane
- B a parachute
- C a bird
- D an umbrella

3 Which of these things needs a small air resistance?

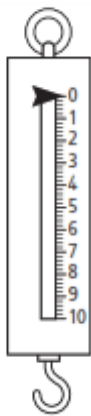
- A an aeroplane
- B a parachute
- C a house
- D a sailing boat

4Ea

1 Which arrow shows the direction of the force from the dog?



2 What is this called?



- A spring measurer
- B force measurer
- C spring meter
- D forcemeter

3 What are the units for measuring forces?

- A grams
- B degrees
- C newtons
- D metres

4Eb

1 What does friction do?

- A It slows down moving things.
- B It makes moving things speed up.
- C It makes springs get longer.
- D It makes things start to move.

2 Which drawing shows a way of measuring friction?

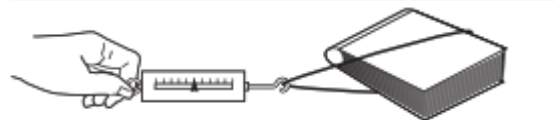
A



B



C



D

