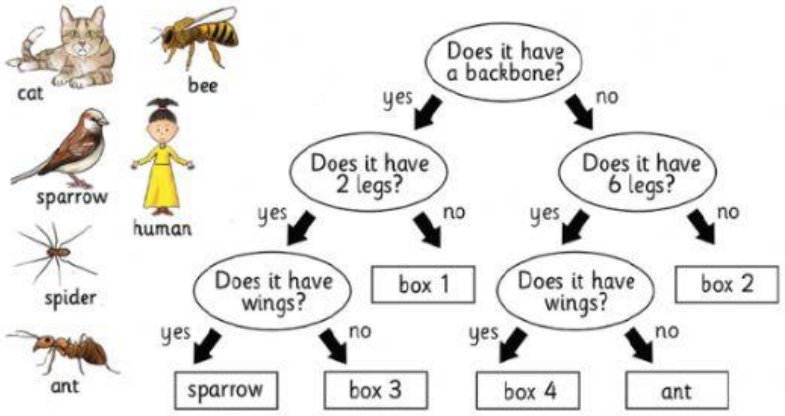
Science
Practice 5

Lily finds six different animals in her garden. She makes a key which identifies all the animals. The names of some animals are missing.
Which animal should go in **box 4**?

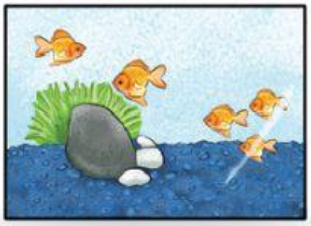


A. bee	B. cat	C. human	D. spider

Emma feeds some fish in a tank at 8am, 1pm and 8pm every day for two weeks.

She observes that the fish eat more in the morning than at other times of day.

Adam wants to check Emma's results. Adam should do this by...



A	repeating the experiment exactly as Emma did it.
B	only feeding the fish at 1pm and 8pm.
C	changing the type of food given to the fish.
D	giving the fish more food later in the day.

LIVEWORKSHEETS

Which of the following completes the sentence?

Most mammals...

A	give birth to live young.
B	have feathers.
C	have moist skin.
D	lay eggs.

This is the larva of a beetle.

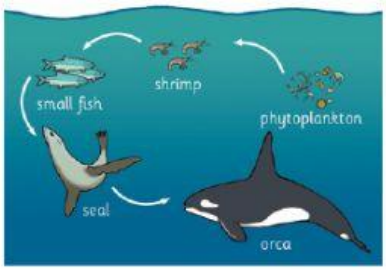


What is the next stage of the beetle's development?

A. egg	B. pupa	C. caterpillar	D. adult

Look at the diagram of a food chain.

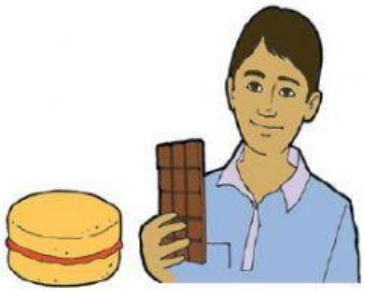
Decide if each statement about the food chain is **true** or **false**.



	True	False
The phytoplankton are producers.	☐	☐
Shrimp eat small fish.	☐	☐
The seal is prey.	☐	☐

Hassan wants to cover a cake with chocolate.

What must he do to the chocolate bar before he can pour it over the cake?



A	dissolve it in water
B	evaporate it
C	filter it
D	melt it

LIVEWORKSHEETS



30°C 60°C 90°C

Zara investigates how quickly water evaporates.

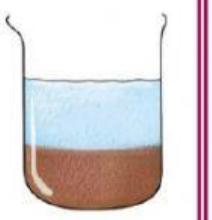
She does her experiment three times.

What variable is Zara changing in this investigation?

A. the volume of water	B. the size of the beakers	C. the temperature of the water	D. the time she leaves the beakers for

Mr Green stirs different solids into four beakers.

Which beaker contains a solution?



A. soil and water



B. stones and water



C. sugar and water



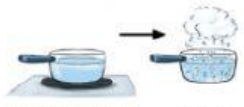
D. oil and water

Look at the diagrams below. Which shows a change that is reversible?



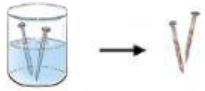
burning logs ashes

A



heating water steam

B



soaking nails rust

C



cake mixture cakes

D

LIVEWORKSHEETS

Emma makes a meal.

Which changes are **not** reversible?

Choose **two** answers.



- A — Water vapour condensing on a window.
- B — Cooking bread in a toaster.
- C — An ice lolly melting.
- D — Frying eggs in a pan.

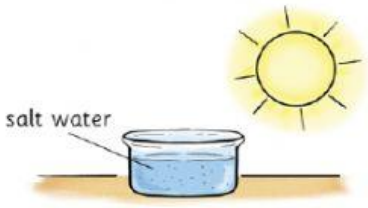
Lily pours vinegar and bicarbonate of soda into a bowl.

Bubbles appear when the vinegar and bicarbonate of soda mix because...



- A — a reversible change happens.
- B — a new gas forms.
- C — the vinegar is a liquid.
- D — the bicarbonate of soda dissolves.

What will happen if a beaker of salt water is placed in sunlight for a week?



- A — All of the mixture will evaporate.
- B — The salt will stop the water evaporating.
- C — Only the salt will evaporate.
- D — Only the water will evaporate.

LIVEWORKSHEETS

Tam and Marek are investigating air resistance.

Tam drops a pen, a ball, a glove and a flat sheet of paper from the same height.

Which object will take the longest time to reach the ground?

A the pen

B the ball

C the glove

D the paper

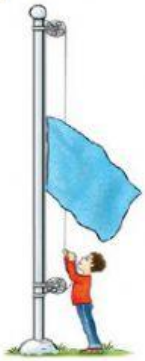
Water drips from a tap.



What causes the drops of water to fall to the ground?

A. magnetism | B. evaporation | C. gravity | D. friction

What does Jack use to raise the flag?



A. lever

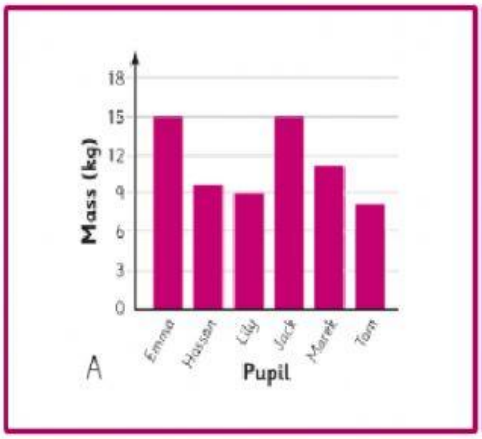
B. gravity | C. pulley | D. gear

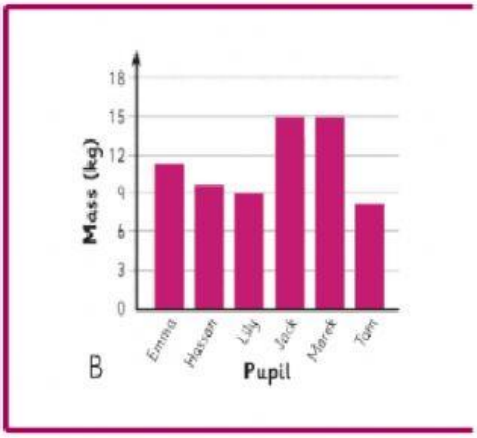
LIVEWORKSHEETS

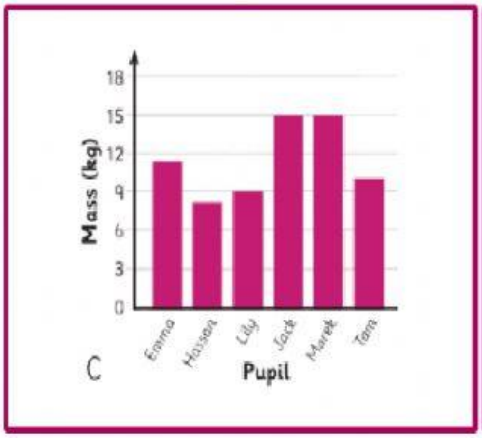
Some pupils see who can lift the most weight with a pulley. They make the chart below to show their results.

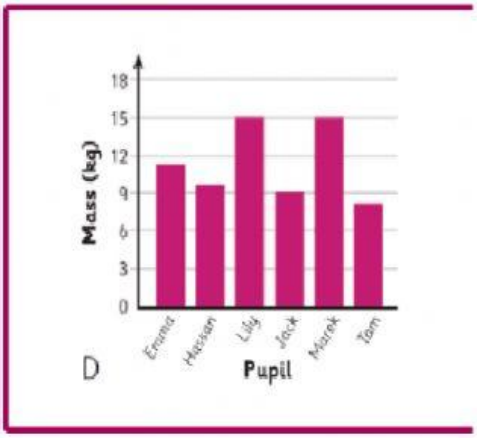
Name	Mass (kg)
Emma	11
Hassan	10
Lily	9
Jack	15
Marek	15
Tam	8

Which graph shows the results from the chart?

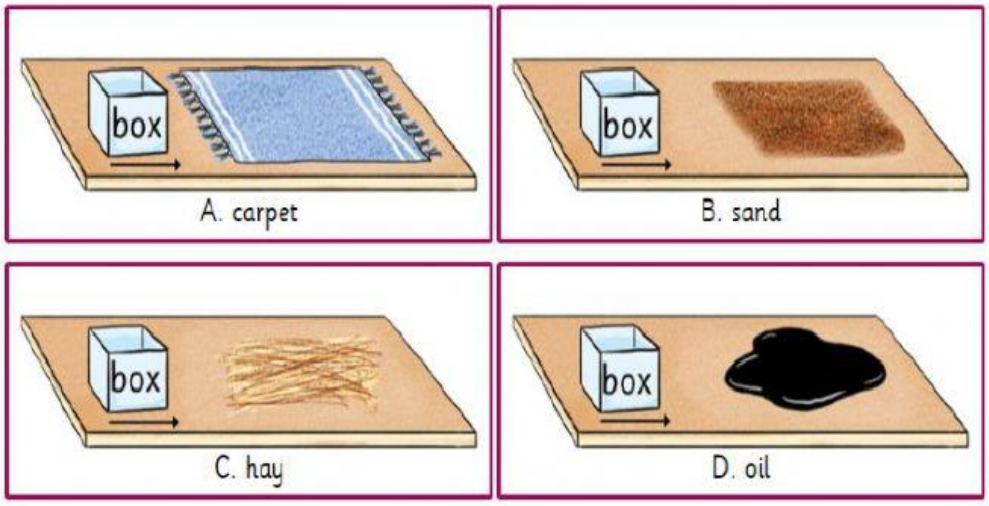








Which substance will the wooden box move over **most** easily?



LIVEWORKSHEETS