

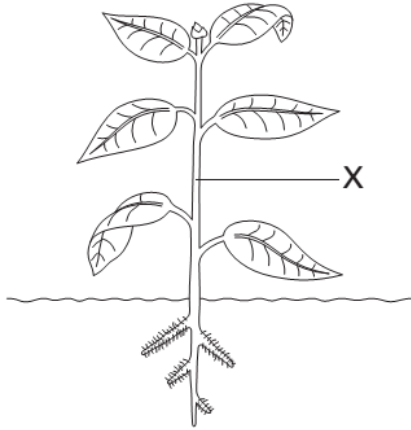
**PAF Chapter, Junior Section
Science Worksheet -Year 3**

On your answer sheet circle the correct letter for each question.

3Ba

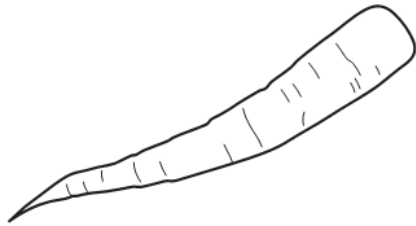
1 What part of the plant is part X?

- A root
- B stem
- C leaf
- D flower



2 This is a carrot. What part of the carrot plant do the carrots that we eat come from?

- A root
- B stem
- C leaf
- D flower



3 When a plant grows ...

- A it gets shorter.
- B it dies.
- C it gets taller.
- D it drops its leaves.

3Bb

1 What do leaves do?

- A make water
- B make heat
- C take water in from the soil
- D make food

2 What do roots do?

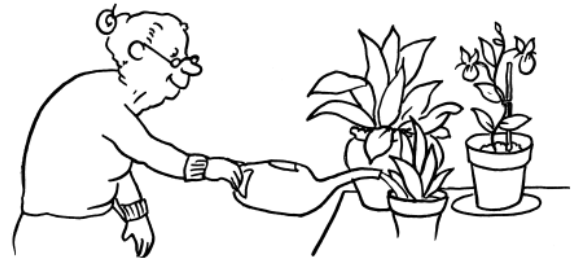
- A make water
- B make heat
- C take water in from the soil
- D make food

3 What does a plant stem do?

- A carries water from the roots to the leaves
- B makes sure that the roots stay in the ground
- C makes food for the plant
- D helps to keep the plant warm

3Bc

1 Why do people water their plants?



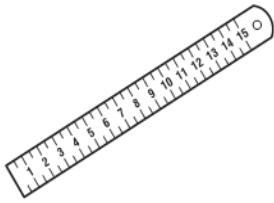
- A It is good exercise.
- B Plants need water to grow.
- C Plants need light to grow.
- D The water cleans the plants.

2 What happens if a plant gets too much water?

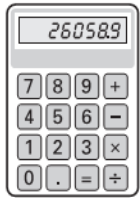
- A It grows very quickly.
- B It can die.
- C It gets big flowers.
- D It climbs out of its pot.

3 Which of these is best to measure out some water?

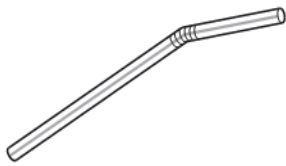
A



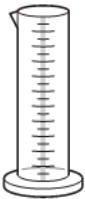
B



C



D



3Bd

1 Which of these is a list of things plants need for healthy growth?

A exercise, food

B exercise, food, water

C water, light, warmth

D water, exercise, food, light, warmth

2 Which of these is a prediction?

A

I think that the bean plant will grow the tallest.



B

All my plants stayed very healthy and green.



C

I will use a ruler to measure the heights of the plants.



D

I think my plants died because they don't like too much Sun.



3 A fair test is ...

A an investigation when you change lots of things.

B an investigation when you only change one thing.

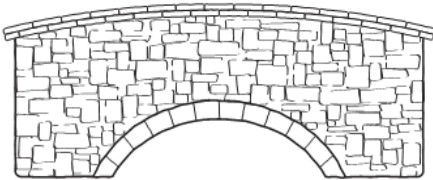
C an investigation when you don't cheat.

D an investigation that you do on an amusement ride.

On your answer sheet, circle the correct letter for each question.

3Da

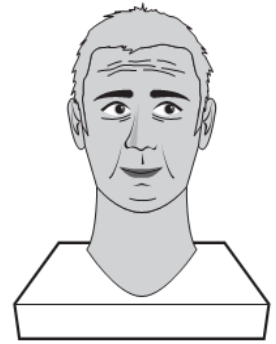
- 1 What can rocks be used for?
A walls B plates
C clothes D windows
- 2 Why are rocks used for building bridges?
A because rocks are bendy
B because rocks are weak



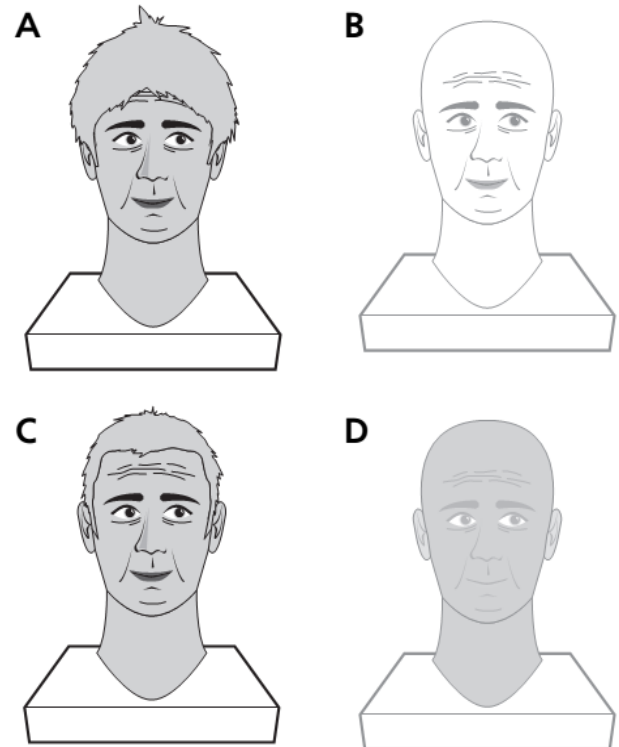
- C because rocks are strong
D because rocks are grey
- 3 Which answer shows only natural materials?
A rock and brick
B wood and rock
C brick and glass
D wood and glass

3Db

- 1 This drawing shows a statue that has just been made out of rock. It will stand out of doors.



Which picture shows what the statue will look like after 100 years?



- 2 Which is the best rock to use for a doorstep?
A Sandstone, because it lets water run through it.
B Granite, because it will last a long time.
C Slate, because it can be split into sheets.
D Marble, because it looks attractive.

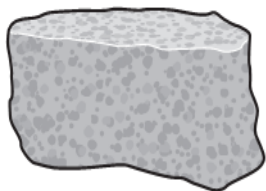
3 Sandstone lets water run through it.

Granite does not let water run through it.

James put a drop of water onto two rocks.

Which picture shows the rocks 5 minutes later?

A



sandstone

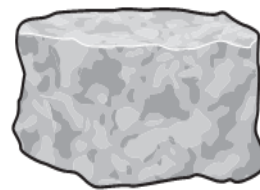


granite

B



sandstone

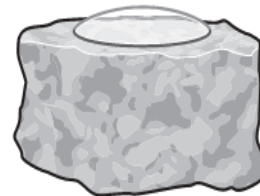


granite

C

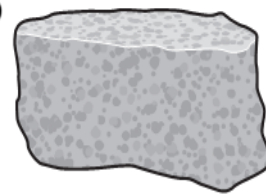


sandstone

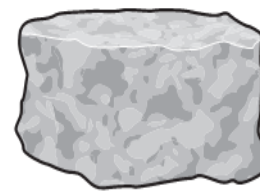


granite

D



sandstone



granite

3Dc

1 Why can't you see rocks in a garden?

A There aren't any.

B They are the same colour as the grass.

C They are covered up by soil.

D They are invisible.

2 What does a sieve do?

A It mixes up particles of different sizes.

B It mixes particles of soil with water.

C It traps large particles and lets small particles fall through.

D It traps small particles and lets large particles fall through.

3 What is in soil?

A particles of rock, living things, and pieces of dead plants

B only particles of rock

C only particles of rock and living things

D only living things and pieces of dead plants

3Dd

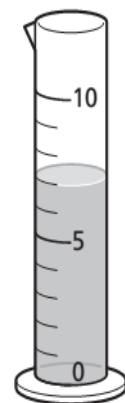
1 What volume of water is in this measuring cylinder?

A 3 ml

B 5 ml

C 7 ml

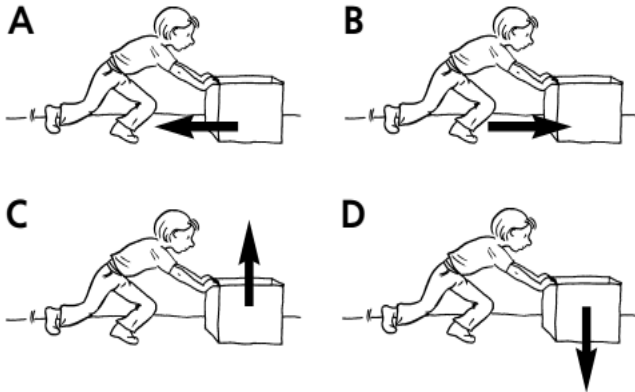
D 9 ml



3Ea

1 Rachel is pushing a box.

Which drawing shows Rachel's pushing force?



2 Which material can you pick up with a magnet?

- A plastic
- B wood
- C iron
- D glass

3 You can use a magnet to help you to sort things for recycling.



Which materials can you sort with a magnet?

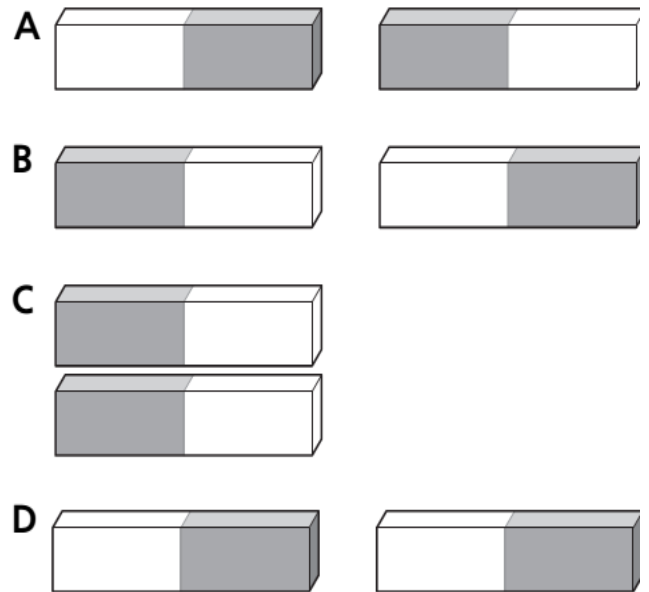
- A aluminium from iron cans
- B aluminium cans from glass bottles
- C paper from cardboard
- D food wrappers from newspapers

3Eb

1 What does 'repel' mean?

- A pull towards
- B push away
- C turn around
- D run away

2 Which set of magnets will attract each other?



3 Complete this sentence.

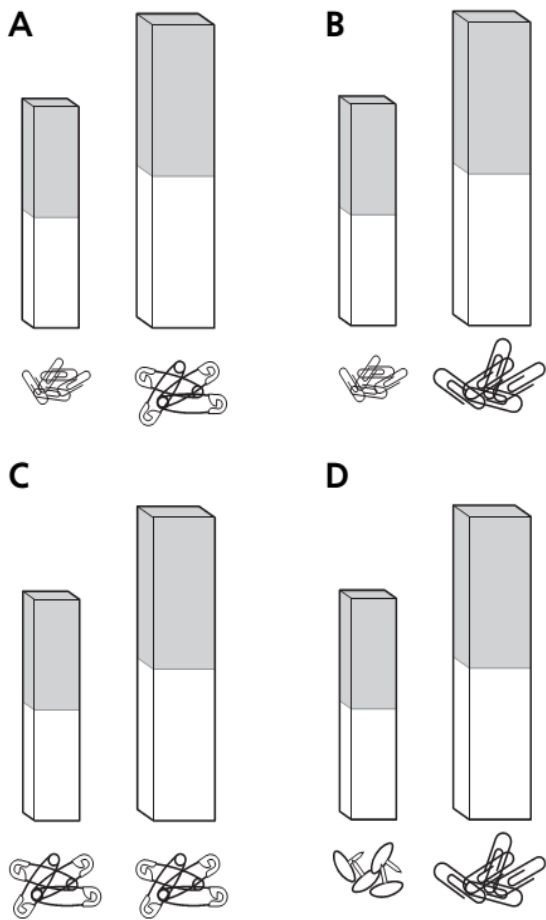
You can tell a piece of metal is a magnet if...

- A it will repel a magnet.
- B it will attract a magnet.
- C it will attract a piece of aluminium.
- D it is painted in two different colours.

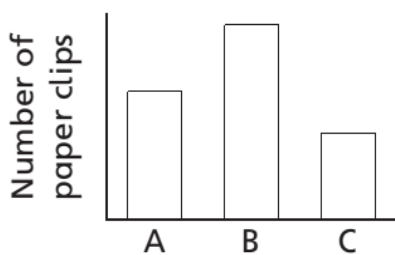
3Ec

1 Josie is testing two magnets. She wants to find out which one is the strongest.

Which picture shows a fair test?



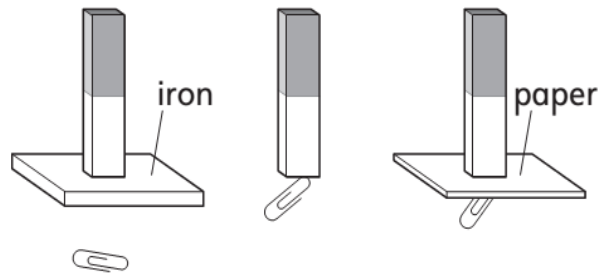
2 Sita tested three different magnets to pick up some paper clips. The bar chart shows her results.



Which magnet picked up the most paper clips?

- A magnet A
- B magnet B
- C magnet C
- D They were all the same.

3 Billy tested three different magnets.



Which sentence describes what Billy has found out?

- A Cardboard can attract paper clips.
- B Magnets only work though paper.
- C Paper is a magnetic material.
- D Magnets do not work through iron.

3Ed

1 Why do some chairs have springs inside?

- A To make them comfortable to sit on.
- B To make them uncomfortable to sit on.
- C Because springs are magnetic.
- D To make the seat hard.

2 Complete this sentence.

- A spring pushes back...
 - A when it is compressed.
 - B when it is stretched.
 - C when it is twisted.
 - D all the time.

3 Jane is pulling on a spring. The spring will pull back.

Which picture shows when the spring will be pulling back the hardest?

