

ICAS

PAPER

A

SAMPLE



2018 SUMMER SCIENCE ENGLAND

**DO NOT OPEN THIS BOOKLET UNTIL
INSTRUCTED.**

Please check that the answer sheet you have been given has your correct details (name, date of birth).

Use a pencil. Do **NOT** use a coloured pencil or a pen.

Rub out any mistakes completely.

You **MUST** record your answers on the **ANSWER SHEET**.

Mark only **ONE** answer for each question.

Your score will be the number of correct answers.

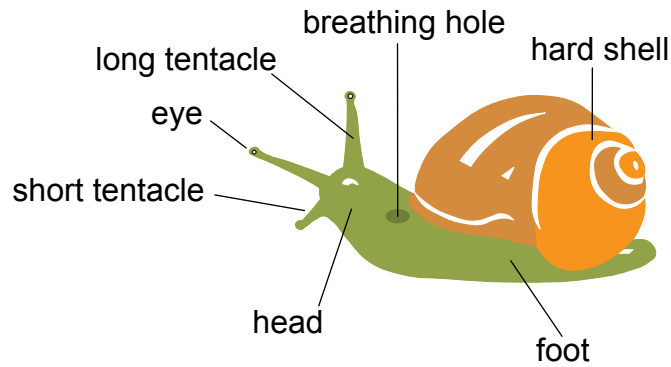
Marks are **NOT** deducted for incorrect answers.

Use the information provided to choose the **BEST** answer from the four possible options.

On your **ANSWER SHEET** fill in the box that matches your answer.

You may use a calculator and a ruler.

1. The drawing shows the body parts of a snail.



To which part of the snail's body is an eye attached?

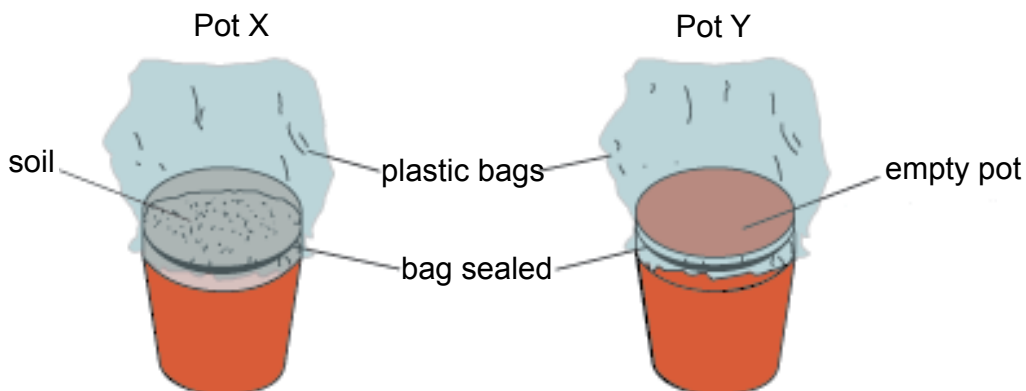
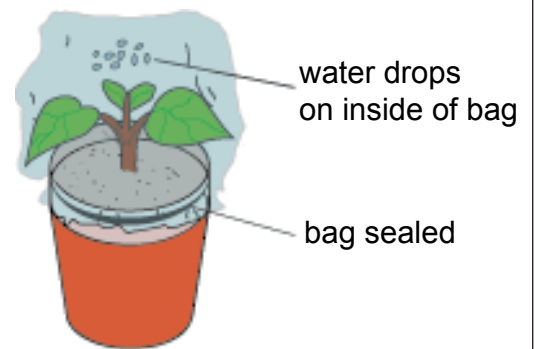
- (A) breathing hole
- (B) hard shell
- (C) long tentacle
- (D) short tentacle

2. Some Year 3 students saw their teacher put a plastic bag over some leaves of a plant on a sunny day. One day later, they saw drops of water on the inside of the plastic bag.

The teacher explained that the water had come from the leaves of the plant.

The students thought this method might also work to find out if soil has water in it.

They set up the pots below and put them in a sunny place.



Their method of testing showed they were correct.

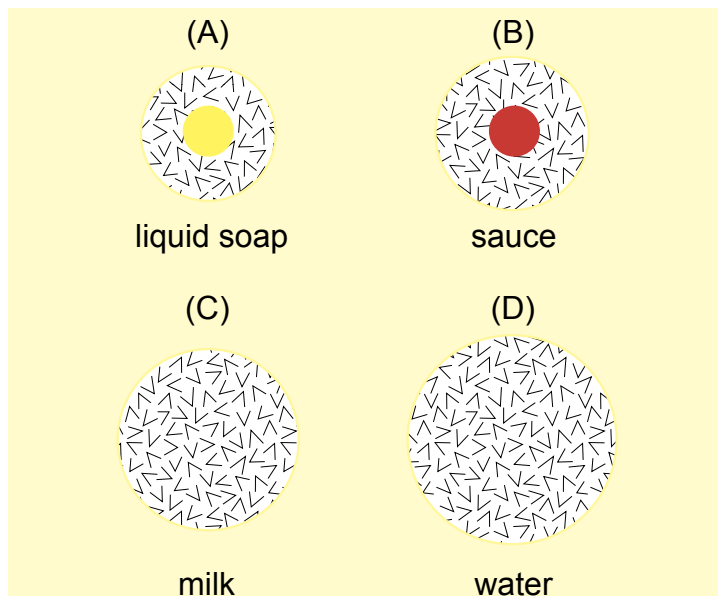
What must the students have observed in the experiment?

- (A) Water formed on the inside of the plastic bag over pot X only.
- (B) Water formed on the inside of the plastic bag over pot Y only.
- (C) Water formed on the inside of neither plastic bag.
- (D) Water formed on the inside of both plastic bags.

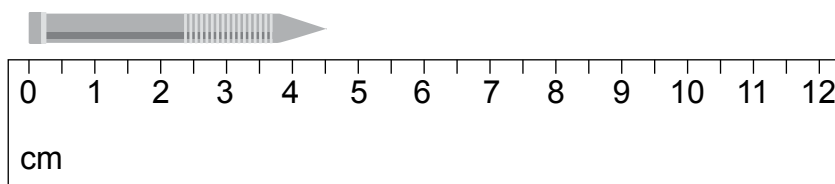
3. Liquids that spread quickly through a paper towel are absorbed better than those that spread more slowly.

Some children put one measured drop of four different liquids – liquid soap, sauce, milk and water – on a piece of paper towel. The drawing shows their results after one minute.

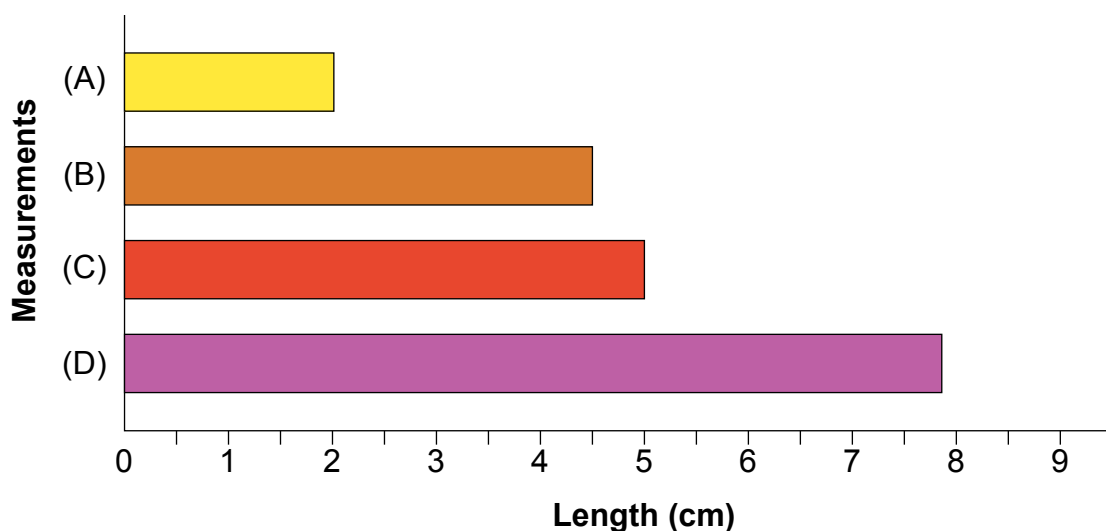
Which liquid was best absorbed by the paper towel?



4. Rick measured a nail as shown in the diagram.

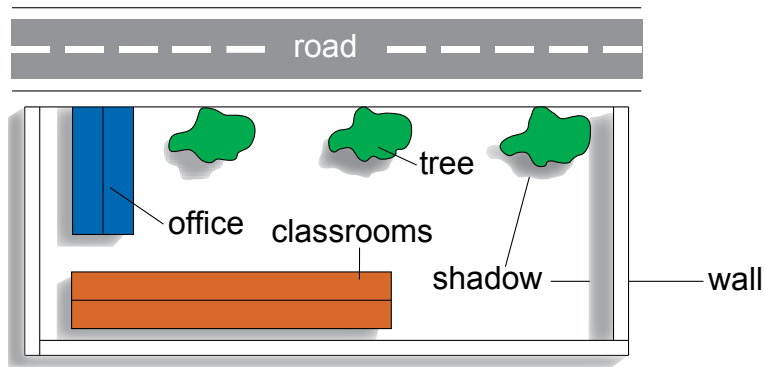


Which bar on the graph represents Rick's measurement?

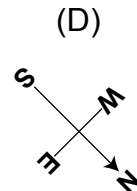
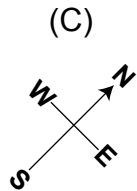
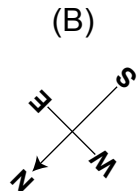
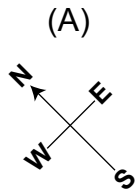


5. The Sun rises in the east and sets in the west.

The drawing shows a view from above of a schoolyard early in the morning.



Which pointer is correctly showing north for this view of the schoolyard?



END OF PAPER

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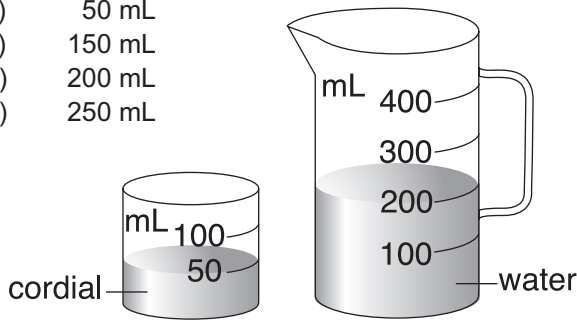
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TO ANSWER THE QUESTIONS

Example:

Ari added cordial to water to make a jug of drink. What will be the volume of the drink in the jug?

- (A) 50 mL
- (B) 150 mL
- (C) 200 mL
- (D) 250 mL



The answer is 250ml, so you would fill in the box D as shown.

A B C D



USE A PENCIL

DO NOT USE A COLOURED PENCIL OR PEN

START

- | | | | | |
|---|----------------------------|----------------------------|----------------------------|----------------------------|
| 1 | <input type="checkbox"/> A | <input type="checkbox"/> B | <input type="checkbox"/> C | <input type="checkbox"/> D |
| 2 | <input type="checkbox"/> A | <input type="checkbox"/> B | <input type="checkbox"/> C | <input type="checkbox"/> D |
| 3 | <input type="checkbox"/> A | <input type="checkbox"/> B | <input type="checkbox"/> C | <input type="checkbox"/> D |
| 4 | <input type="checkbox"/> A | <input type="checkbox"/> B | <input type="checkbox"/> C | <input type="checkbox"/> D |
| 5 | <input type="checkbox"/> A | <input type="checkbox"/> B | <input type="checkbox"/> C | <input type="checkbox"/> D |

SAMPLE



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