

SCIENCE YEAR 4 (UNIT 3 : BREATHING ORGAN OF ANIMALS)

INSTRUCTION : FILL IN THE BLANK WITH THE CORRECT ANSWER

Breathing Organs of Animals

1. Diagram 1 shows a frog and its young.

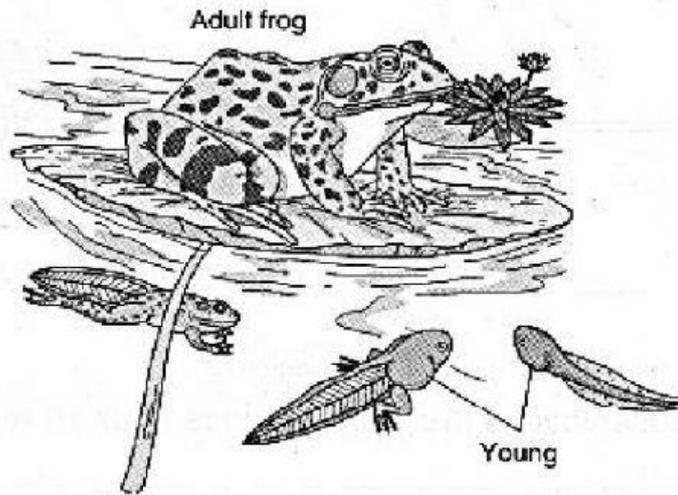


Diagram 1

(a) Name a young frog.

\_\_\_\_\_ [1 mark]

(b) State **two** differences between the young and adult frog?

1. \_\_\_\_\_
2. \_\_\_\_\_

[2 marks]

(c) How can the breathing organs of frogs be described?

\_\_\_\_\_ [1 mark]

(d) Which animal has the same breathing organ as an adult frog? Circle the correct answer.

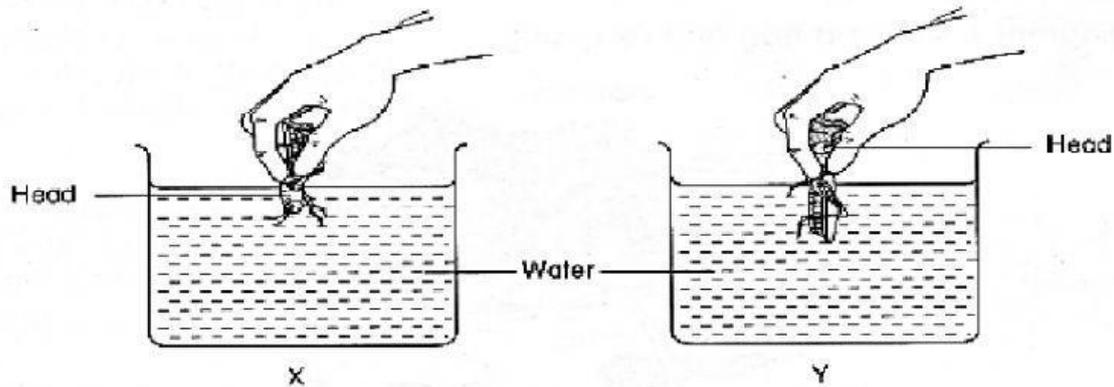


[1 mark]

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2. Muthu and Razi carried out an investigation on two grasshoppers. Muthu put the head of a grasshopper into the water in beaker X while Razi put the grasshopper's abdomen into the water in beaker Y. They left the grasshopper in the water for 10 minutes.



- (a) State the observations that can be made after 10 minutes.

[1 mark]

- (b) Give your reason in (a).

**NOTE** Analysing

[1 mark]

- (c) From this investigation, state the manipulated variables and responding variables. Match with the correct answer.

Manipulated •

Responding •

• Time of investigation

• The condition of the grasshopper after 10 minutes

• Type and size of the grasshoppers

• The position of the grasshopper in the water

[2 marks]