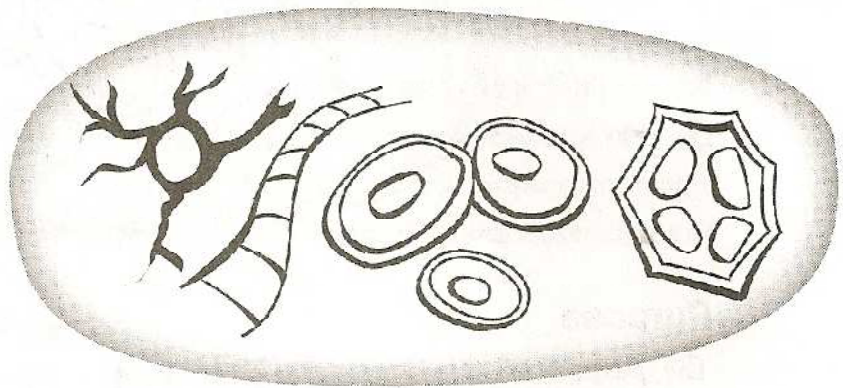


Is It Made of Cells?

Imagine you could examine the objects and materials listed below with a powerful microscope. This powerful microscope will allow you to see evidence of cell structure.

Put an X next to the objects or materials that are made up, or were once made up, of cells.

- | | |
|------------------------------------|--------------------------------------|
| <input type="checkbox"/> flowers | <input type="checkbox"/> apples |
| <input type="checkbox"/> skin | <input type="checkbox"/> sand |
| <input type="checkbox"/> proteins | <input type="checkbox"/> worms |
| <input type="checkbox"/> rocks | <input type="checkbox"/> bacteria |
| <input type="checkbox"/> milk | <input type="checkbox"/> leaf |
| <input type="checkbox"/> bone | <input type="checkbox"/> seeds |
| <input type="checkbox"/> lungs | <input type="checkbox"/> water |
| <input type="checkbox"/> hamburger | <input type="checkbox"/> molecules |
| <input type="checkbox"/> DNA | <input type="checkbox"/> sugar |
| <input type="checkbox"/> calcium | <input type="checkbox"/> chlorophyll |



- | | |
|--|--------------------------------------|
| <input type="checkbox"/> paramecium | |
| <input type="checkbox"/> blood | <input type="checkbox"/> chromosomes |
| <input type="checkbox"/> cell membrane | <input type="checkbox"/> saliva |
| <input type="checkbox"/> mushrooms | <input type="checkbox"/> atoms |

Explain your thinking. Describe the "rule" or reason you used to decide whether something is or was once made up of cells.

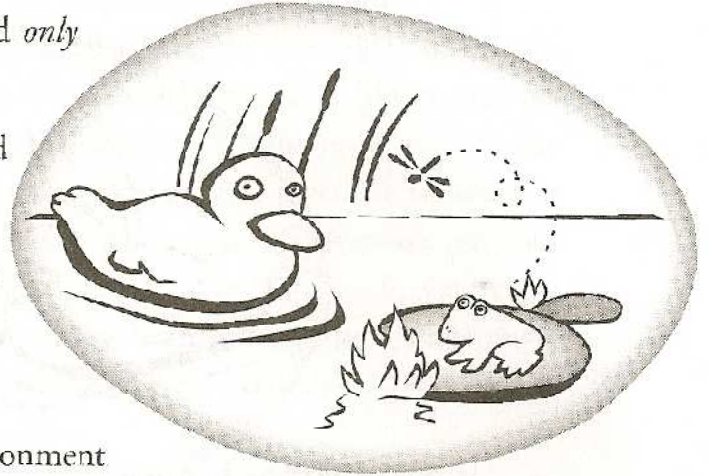
Functions of Living Things

The functions listed below are performed by living organisms. Which functions are performed by plants, animals, or both? Mark each example with a P, A, or B.

Put a **P** in front of the functions performed *only* by plants.

Put an **A** in front of the functions performed *only* by animals

Put a **B** in front of the functions performed by *both* plant and animals.



___ Photosynthesis (make their food)

___ Acquire and take in food from the environment

___ Respiration (release energy from food)

___ Cell division

___ Reproduction

___ Growth

___ Elimination of waste products

___ Storage of energy

___ Transport of materials within the organism

___ Maintain a stable, internal environment

___ Response to stimuli

___ Repair of damaged structures

Explain your thinking. What helped you decide whether a function is performed by a plant, animal, or both?
