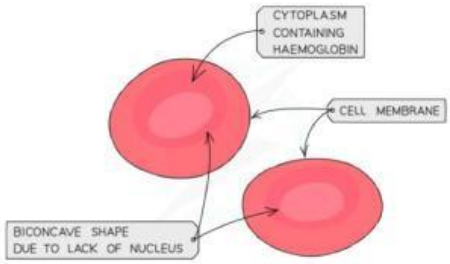
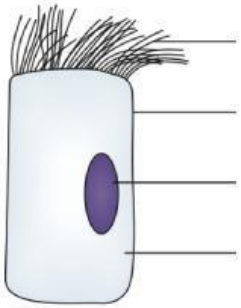
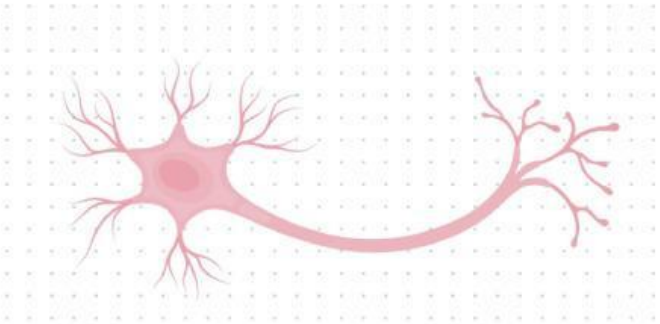
Unit 1.3. Specialised Cells

1. Name and Label

* Animal specialised cells







What is the name of cell C? _____

What is the function of this cell? _____

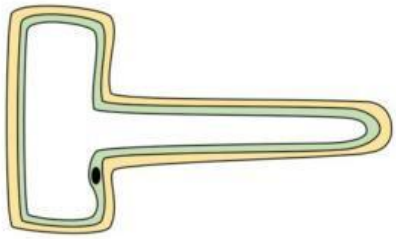
Describe how the cell is adapted to carry out its function. _____

_____

_____

Name the system in the human body that this cell is part of. _____

* Name the Plant specialized cells



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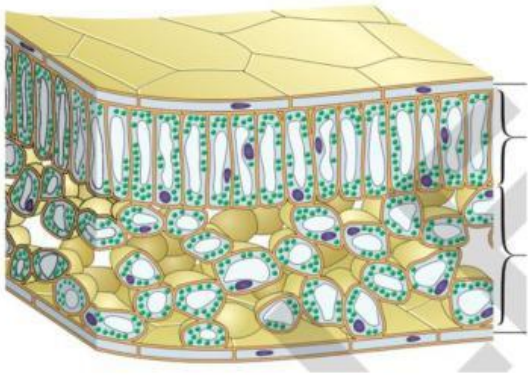
2. Water moves through several parts of the root hair cells, as it goes from the soil into the sap vacuole. List these parts in order.

_____

_____

3. Label, choose from the list, and complete the sentences.

upper epidermis **palisade layer** **spongy layer** **lower epidermis**



Cell **tissue** **organ** **organ system** **organism**

a. A group of similar cells is called a _____
b. An _____ is a structure made of many different tissues.
c. An _____ is a group of organs that carry out a particular function.
d. An _____ is a living thing. It may contain many different organ systems, organs, and tissues.
e. In a complex organism, such as a human or a plant, similar cells are grouped to form a _____.
f. The stomach is an example of an _____.
g. The heart and blood vessels are all part of the same _____.

Unit 2. Materials and their structure

1. Distinguish: Solids, liquids, and gases

Feature/Property	Solids	Liquids	Gases
Shape			
Volume			

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Feature/Property	Solids	Liquids	Gases
Compressibility			
Ability to flow / pour			
Mass / Weight			
Particle arrangement			
Particle movement			
Changes of state			
Explanation changes of state (particle theory)			
Examples			

2.

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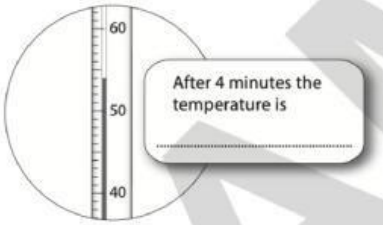
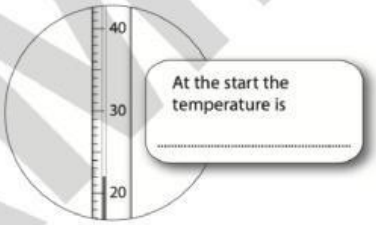
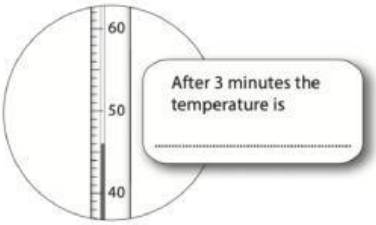
The diagrams show Marcus's thermometer after different times.
Write the temperatures in the spaces provided.



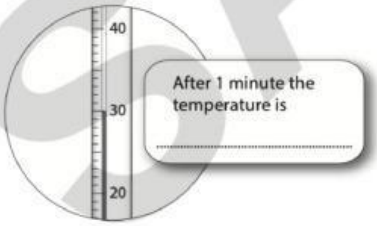
After 4 minutes the temperature is .....



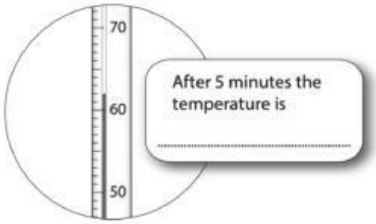
At the start the temperature is .....



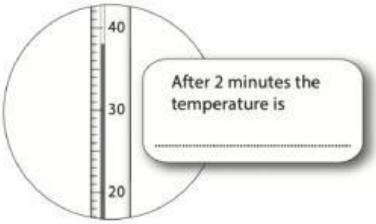
After 3 minutes the temperature is .....



After 1 minute the temperature is .....

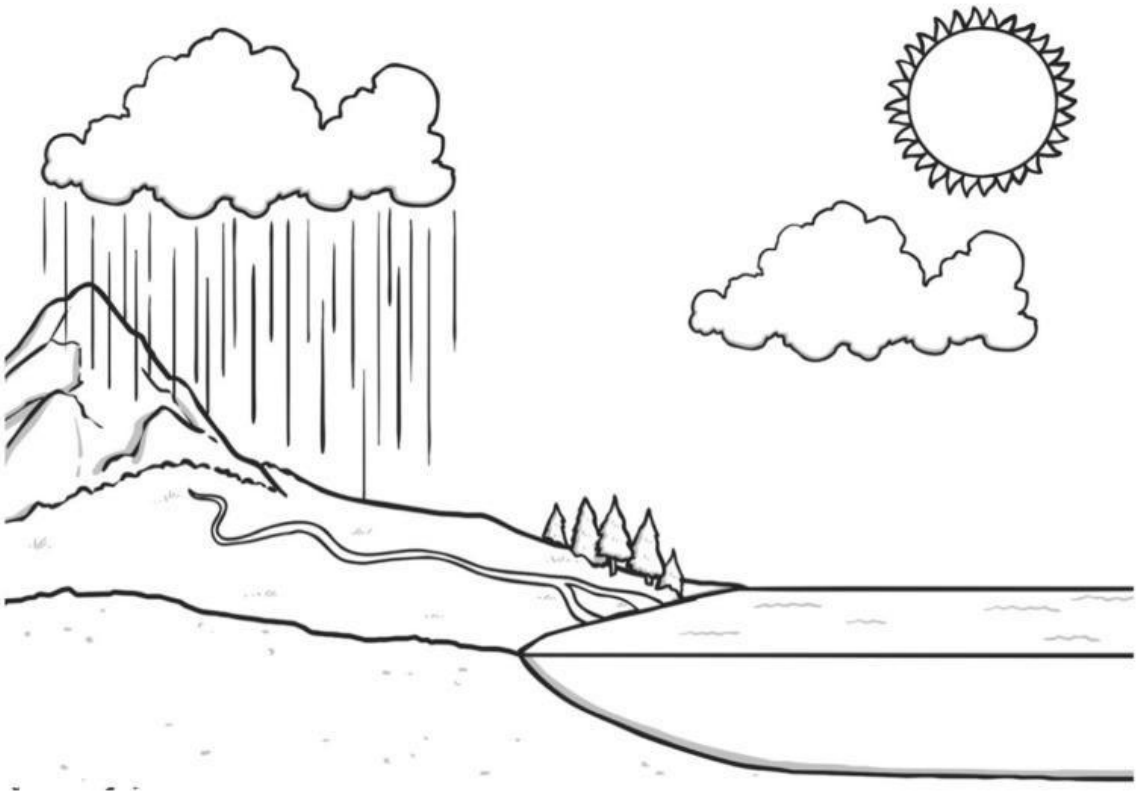


After 5 minutes the temperature is .....



After 2 minutes the temperature is .....

3. Complete the water cycle



SAMPLE

LIVEWORKSHEETS