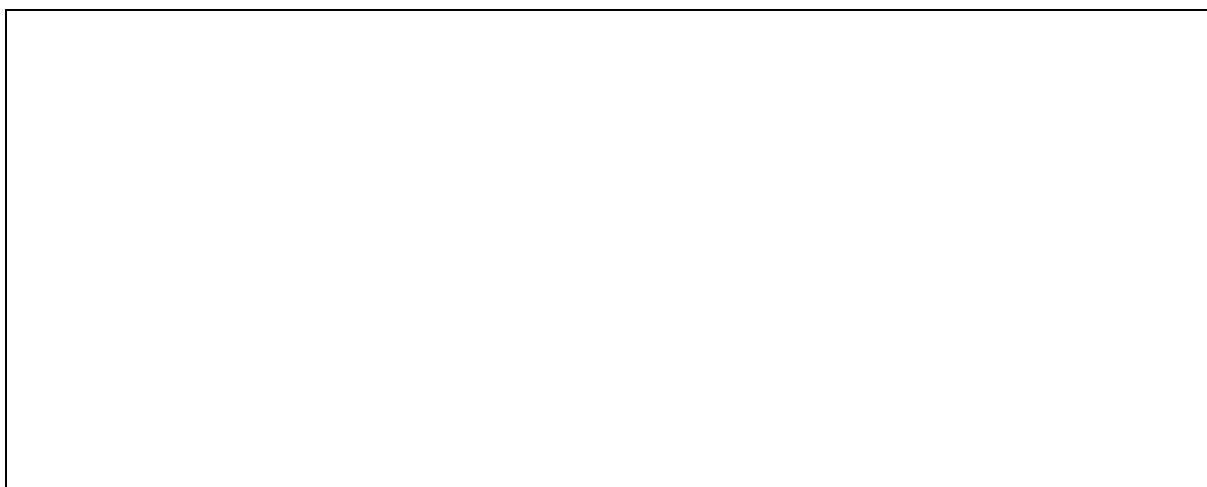


## Cellular components visible under a microscope

STUDENT BOOK pp. 126, 236

1. Draw a picture of a cell, illustrating the four cellular components that are visible under a microscope (cell membrane, cytoplasm, nuclear membrane, nucleus). Identify each component in your drawing.



2. Match each cellular component with its description.

Cellular component	Description
a) Cell membrane	1. Structure that makes it possible for various substances to circulate in the cell and contains a variety of small organs called <i>organelles</i> .
b) Cytoplasm	2. Structure that controls cell activities and stores hereditary information.
c) Nuclear membrane	3. Structure that surrounds the cell and controls exchanges between the cell and its environment.
d) Nucleus	4. Structure that controls exchanges between the cell nucleus and the rest of the cell.

3. Are all cells of a living organism the same? Explain your answer.

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