

DATE:

NAME:

CLASS:

CHAPTER 1

VOCABULARY CHECK

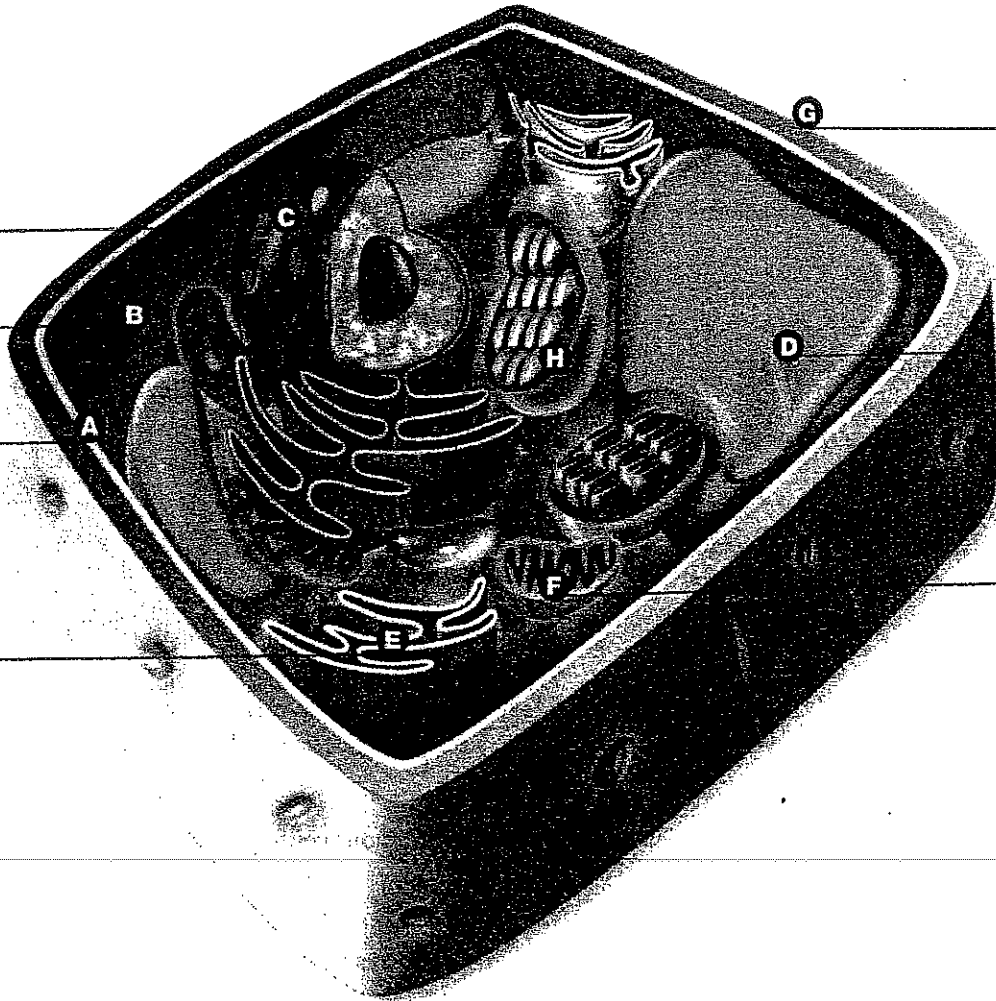
BLM 1-15

The Parts of a Plant Cell

Goal • Use this page to review the vocabulary of plant cells by labelling a diagram.

What to Do

- Below is a diagram of a plant cell. Different parts of the cell have letters of the alphabet on them. Draw lines from each of these letters and write in the name of each cell part being indicated. For assistance, turn to pages 28–29 in *SCIENCEPOWER™ 8*.



CHAPTER 1
VOCABULARY CHECK

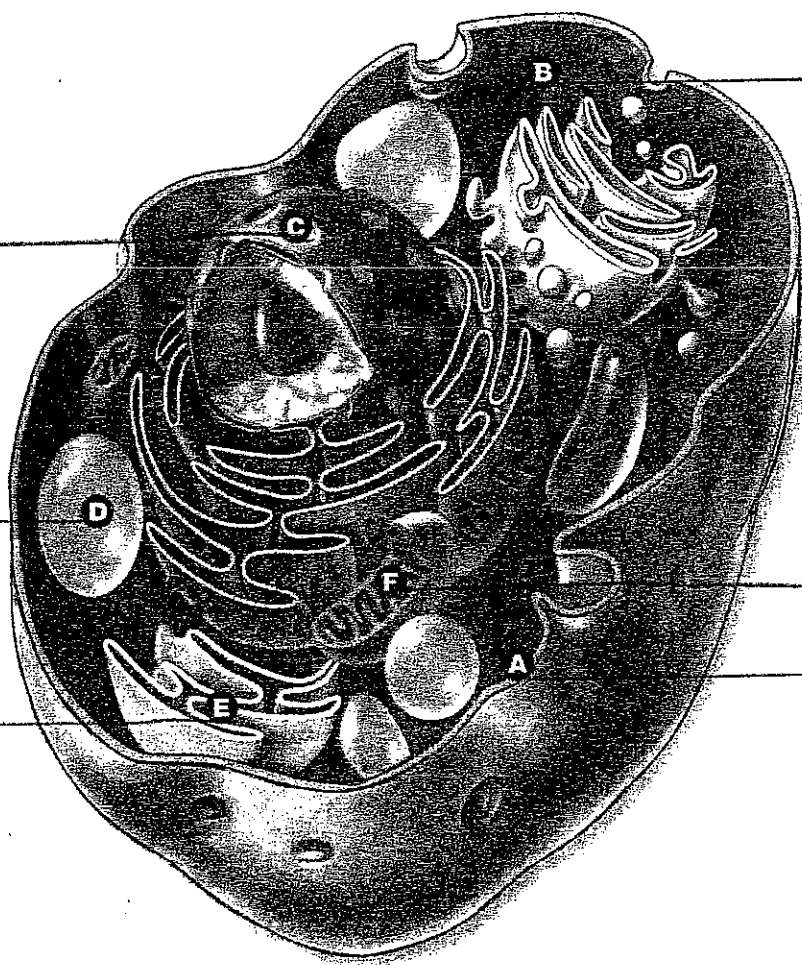
The Parts of an Animal Cell

BLM 1-16

Goal • Use this page to review the vocabulary of animal cells by labelling a diagram.

What to Do

- Below is a diagram of an animal cell. Different parts of the cell have letters of the alphabet on them. Draw lines from each of these letters and write in the name of each cell part being indicated. For assistance, turn to pages 28–29 in *SCIENCEPOWER™ 8*.



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CHAPTER 1
REINFORCEMENT**BLM 1-17****Organelles and Their Functions****Goal** • Use this page to review the functions of different organelles.**What to Do**

- Look at the table below. The left column is a list of organelles. In the centre column, fill in the function of the corresponding organelle. In the right column, fill in whether the organelle is found in animal cells, plant cells, or in both types of cells. For assistance, see pages 28–29 of *SCIENCEPOWER*TM 8.

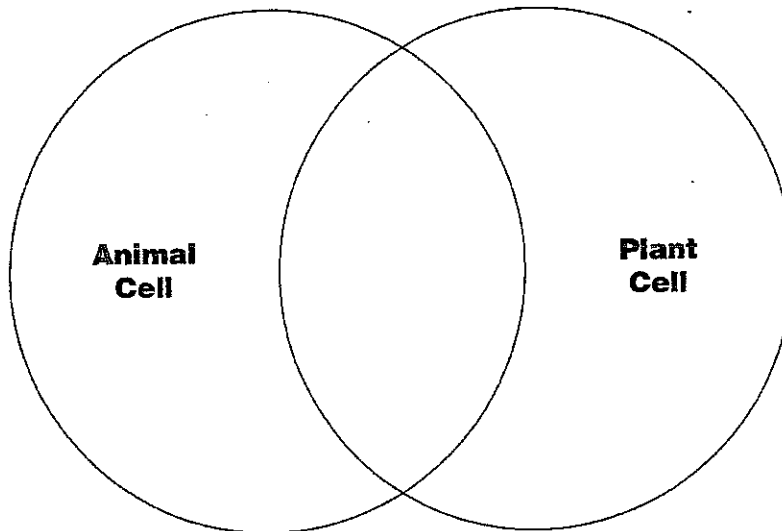
Organelle	Function	Found in animal, plant, or both
cell membrane		
cytoplasm		
nucleus		
vacuole		
endoplasmic reticulum		
mitochondria		
cell wall		
chloroplasts		

Comparing Plant and Animal Cells

Goal • Use this page to compare the organelles within plant and animal cells.

What to Do

1. Complete the Venn diagram below. In the left circle, write the names of organelles that are found only in animal cells. In the right circle, write the names of organelles that are found only in plant cells. In the overlapping region of the two circles, write the names of organelles that are found in both animal and plant cells.
2. Use your completed Venn diagram to assist you in answering the questions at the bottom of the page.



Analyze

1. What are the two main types of cells?

2. What is an organelle?

3. What are the organelles common to both types of cells?

4. What are the organelles found only in plant cells?

5. Why do you think that scientists refer to cells as the "basic" unit of life?
