

**Goal** • Review cell parts and functions.

**What to do**

Write your answers to the following questions in the spaces provided.

**Matching**

Match the description in column A with a term in column B. Write the letter of the response in the blank on the left.

- A**
- \_\_\_\_\_ 1. Manufactures ribosome parts.
  - \_\_\_\_\_ 2. Structure that forms the outer boundary of a cell.
  - \_\_\_\_\_ 3. Encloses the cell's genetic material.
  - \_\_\_\_\_ 4. Not found in animal cells.
  - \_\_\_\_\_ 5. Specialized structures performing specific functions.

- B**
- a cell membrane
  - b organelles
  - c nuclear membrane
  - d nucleolus
  - e mitochondria
  - f nucleus
  - g cell wall
  - h ribosome

**Fill in the Blanks**

6. Complete the following table by filling in the correct cell part or function.

Cell Part	Function
	Gel-like material inside cells.
	Directs cell activities.
Endoplasmic reticulum	
	Manufactures substances important for cell functions.
	Releases energy in the cell.
Chromatin	
Chloroplast	
	Stores water, food, and waste products.
Golgi body	
	Digests wastes.

**Longer Answer**

7. List three premises of the cell theory.

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8. Which organelles does a plant cell have that an animal cell lacks?

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