

## ACTIVITY ■ Cells, Tissues, and Organ Systems

### Find the Cell Phrase

On the lines below, write the word or words that best fit the description on the left. When you are finished, the boxed-in letters will spell out one of the topics discussed in the chapter. Fill in the word or phrase in the space provided.

1. Stage of mitosis in which chromosomes split apart □ \_\_\_\_\_
2. Process by which a cell releases energy from food □ \_\_\_\_\_
3. Cell division and chromosome duplication □ \_\_\_\_\_
4. A living thing □ \_\_\_\_\_
5. Period between one mitosis and the next □ \_\_\_\_\_
6. Passage of water through cell membranes □ \_\_\_\_\_
7. Final stage of mitosis □ \_\_\_\_\_
8. Stores information that helps cells make the substances they need □ \_\_\_\_\_
9. The second level of organization in a multicellular organism □ \_\_\_\_\_
10. Cell structure in which sugars are broken down □ \_\_\_\_\_
11. Organelle that contains enzymes for digestion □ \_\_\_\_\_
12. Thin, flexible envelope surrounding a cell □ \_\_\_\_\_
13. Nonliving material that makes up the cell walls of plant cells □ \_\_\_\_\_
14. Process by which living things give rise to the same type of living thing □ \_\_\_\_\_

- 15. Used to build and repair body cells \_\_\_\_\_
- 16. Green pigment in plant cells \_\_\_\_\_
- 17. Control center of the cell \_\_\_\_\_
- 18. Groups of different tissues working together \_\_\_\_\_
- 19. All the living materials in a cell \_\_\_\_\_
- 20. Storage tank of the cell \_\_\_\_\_
- An organelle \_\_\_\_\_

**WORD BANK FOR # 1-10**

- Anaphase
- Mitosis
- Interphase
- Nucleic acid
- Respiration
- Organism
- Telophase
- Mitochondrion
- Tissue
- Osmosis

**WORD BANK FOR # 11-20**

- Reproduction
- Cellulose
- Cell membrane
- Lysosome
- Protein
- Nucleus
- Protoplasm  
(cytoplasm is outside nucleus)
- Vacuole
- Organ
- Chlorophyll