Name _____ Class _____ Date _____

Skills Worksheet

Active Reading

Section: Cell Organelles

Read the passage below. Then answer the questions that follow.

Vesicles that contain newly made proteins move through the cytosol from the ER to an organelle called the **Golgi apparatus.** The Golgi apparatus is a set of flattened, membrane-bound sacs that serves as the packaging and distribution center of the cell. Enzymes inside the Golgi apparatus modify the proteins that are received in vesicles from the ER. The modified proteins are then enclosed in new vesicles that bud from the surface of the Golgi apparatus. Many of these vesicles move to the cell membrane and release their contents outside the cell. Other vesicles include **lysosomes,** which are small, spherical organelles that contain the cell's digestive enzymes. The ER, the Golgi apparatus, and lysosomes are work together in the production, packaging, and distribution of proteins.

SKILL: READING EFFECTIVELY

Read each question, and write your answer in the space provided.

1. Describe where the vesicles containing newly made proteins move in the cell.

2. What is the Golgi apparatus?

3. Where do the new vesicles come from?

Active Reading *continued*

4. What are lysosomes?

_____

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In the space provided, write the letter of the term or phrase that best completes the statement.

_____ **5.** All of the following organelles are involved in the production, packaging, and distribution of proteins EXCEPT the
- **a.** Golgi apparatus.
- **b.** cytosol.
- **c.** ER.
- **d.** lysosomes.