4-5 What is diffusion		
	17	
Lesson Review		
- -	s true. If the statement is false, change	the underlined term to make the
	1. A <u>cell</u> is the smallest part of a subs	stance that is still that substance.
	2. The movement of molecules from a places is called <u>diffusion</u> .	more crowded places to less crowded
	3. In order for a cell to carry on its limaterials must move into and out of	fe processes, oxygen and other of the cell through the <u>nucleus</u> .
	4. Diffusion is controlled by the nucle	eus.
	5. Waste materials are carried out of	a cell by <u>diffusion</u> .
	6. The movement of water through a	membrane is called osmosis.
	7. Osmosis is controlled by the cell <u>n</u>	ucleus.
	8. The cell membrane has tiny holes and out of the cell.	in it that allow materials to pass into
Each symbol on the diagram	g models, applying concepts n represents either a substance needed rows on the diagram to show whether	by the cell or a waste product. Stud
of the cell.	<u> </u>	each substance will move the or our
of the cell. Answer the questions about		

4-6 How do cells produce new cells?

Lesson Review

Write the term that best completes each statement in the space provided.

- 1. The process by which cells produce new cells is called _____
- 2. Cell division is controlled by the _____
- 3. The cell parts that determine what traits a living thing will have are called
- 4. During cell division, each chromosome makes an ______ of itself.
- 5. During cell division, the nucleus divides in a process called _____
- 6. The new cells formed during cell division are called _____ cells.
- 7. During cell division, plant cells form a new cell membrane and a new _____
- 8. The two cells formed by cell division are about ______ the size of the parent cell.

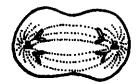
Skill Challenge ——

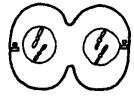
Skills: analyzing, sequencing

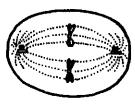
Study the drawings of the stages of cell division. Place the drawings in the correct order by writing the numbers 1 (first) through 5 (last) in the spaces provided.











d.

