

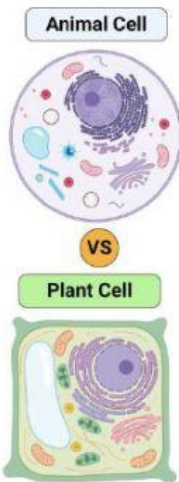
NAME: _____

DATE: _____

Cell Structures Cloze

Fill in the blanks with words from the box.

cells	chloroplasts	energy	membrane
mitochondria	nucleus	organelles	photosynthesis
plant	vacuoles	wall	water

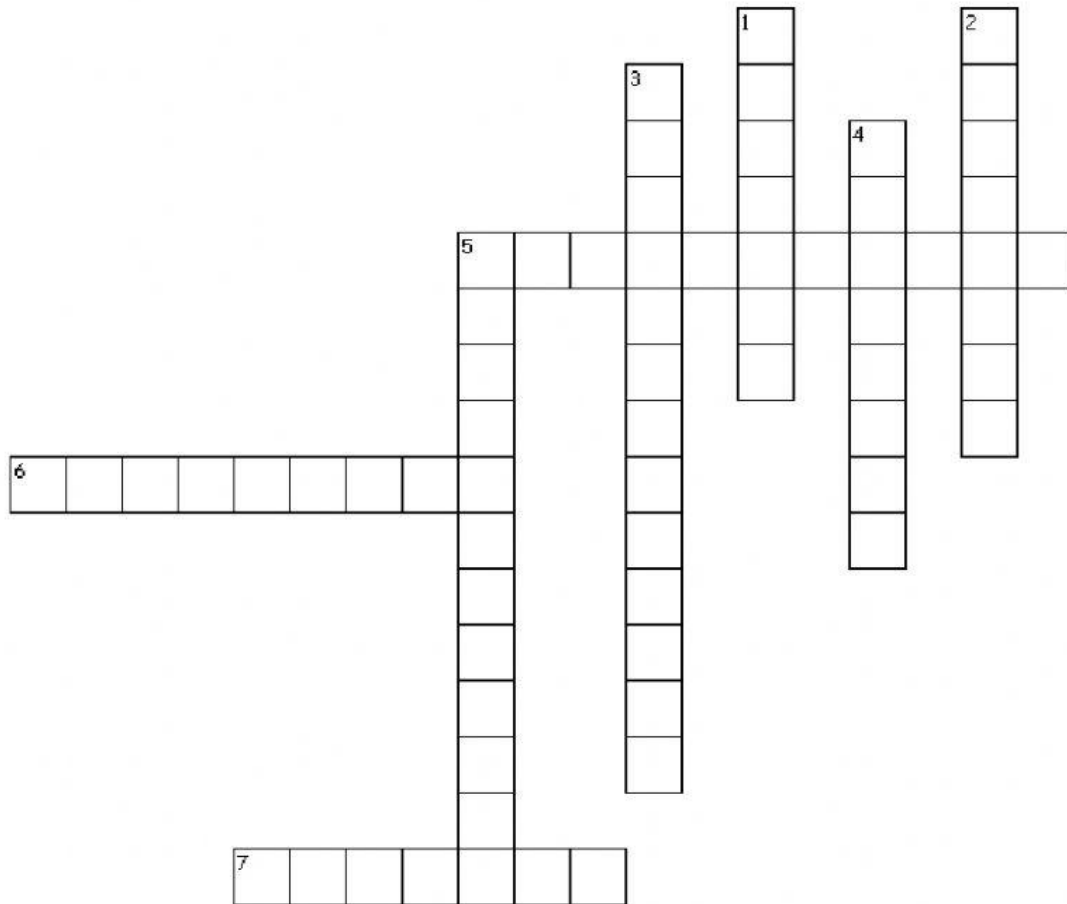


All living organisms are composed of microscopic building blocks called _____. These cells have many different basic structures in common called _____. For example, cells are surrounded by a cell _____ which controls the materials that move in and out of a cell. Another structure that most cells have in common is a _____ in the center of the cell, which contains the blueprints for the cell's growth and reproduction. Cells also have structures

called _____ that break down food and supply _____ for the cell to use. _____ are structures that store food and _____ for the cell to use later.

Although plant and animal cells have many similarities there are also some important differences. _____ cells usually have one very large vacuole. This large vacuole helps prevent drying out during dry spells. Plant cells also have a thick cell _____ surrounding them as well as a cell membrane. Another difference between plant and animal cells is that plants have organelles called _____, which help plants capture the sun's energy to be used for _____.

PARTS OF THE CELL



Across

5. Makes food for the plant.
6. Jelly-like material inside cell.
7. Contains the DNA (genetic material).

Down

1. Stores cell sap (water and sugar) in plant.
2. Makes proteins.
3. Makes energy for the cell.
4. Protects the plant cell.
5. Allows things to pass in and out of the cell.

Find the words below.

PARTS OF THE CELL

T S A L P O R O L H C M E C L
M I T O C H O N D R I O N Y L
L S E L O U C A V G I V R T A
E Z T V U U V L I X E I I O W
E H T Y X V G G N H A V B P L
G V L U L C H Q F K W R O L L
N U C L E U S G F E V Q S A E
R Y C F A X L X Y J U R O S C
E N A R B M E M L L E C M M E
H N K Q G U F N Z Q Y V E W W

CELLMEMBRANE
CYTOPLASM
RIBOSOME

CELLWALL
MITOCHONDRION
VACUOLE

CHLOROPLAST
NUCLEUS