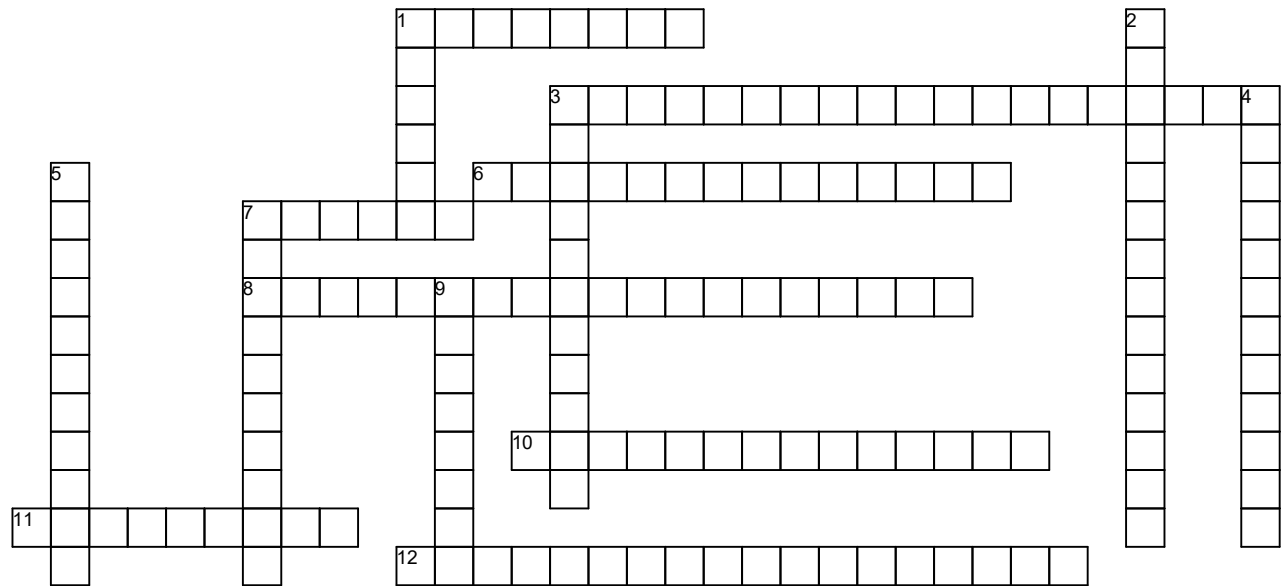


AP Biology Vocabulary Crossword Puzzle 13

1. Using the Across and Down clues, write the correct words in the numbered grid below.



ACROSS

DOWN

1. The kingdom that has predominantly unicellular eukaryotic organisms including algae, protozoans, and slime molds.
3. The two layers of phospholipids arranged in such a way that their hydrophobic tails are projecting inwards while their polar head groups are projecting on the outside surfaces.
6. The chemical reaction that makes glucose and oxygen from water and carbon in the presence of sunlight.
7. The liquid noncellular component of blood.
8. The amount of photosynthesis in an ecosystem.
10. The gland that controls the release of hormones from many other glands.
11. A bond where the atoms are sharing electrons unequally creating small negative and positive charges on the atoms.
12. Enzymes that are used to "cut" DNA into pieces that often have "sticky" ends.
1. The vascular tissue in plants that transports food from leaves to the rest of the plant.
2. The outer selectively permeable membrane bilayer of all cells.
3. Cells that have no nucleus or membrane bound organelles.
4. A molecular component of a ribosome, the cell's essential protein factory.
5. The duplication of the DNA during the middle "s phase" of interphase during the cell cycle.
7. The members of a species within a specific area that has gene flow between its members.
9. The part of the cell responsible for dehydration synthesis of proteins using the mRNA template.

pituitary gland
replication
primary productivity
protista
plasma

prokaryotic
ribosome
ribosomal RNA
photosynthesis
phloem

polar bond
phospholipid bilayer
population
restriction enzymes
plasma membrane