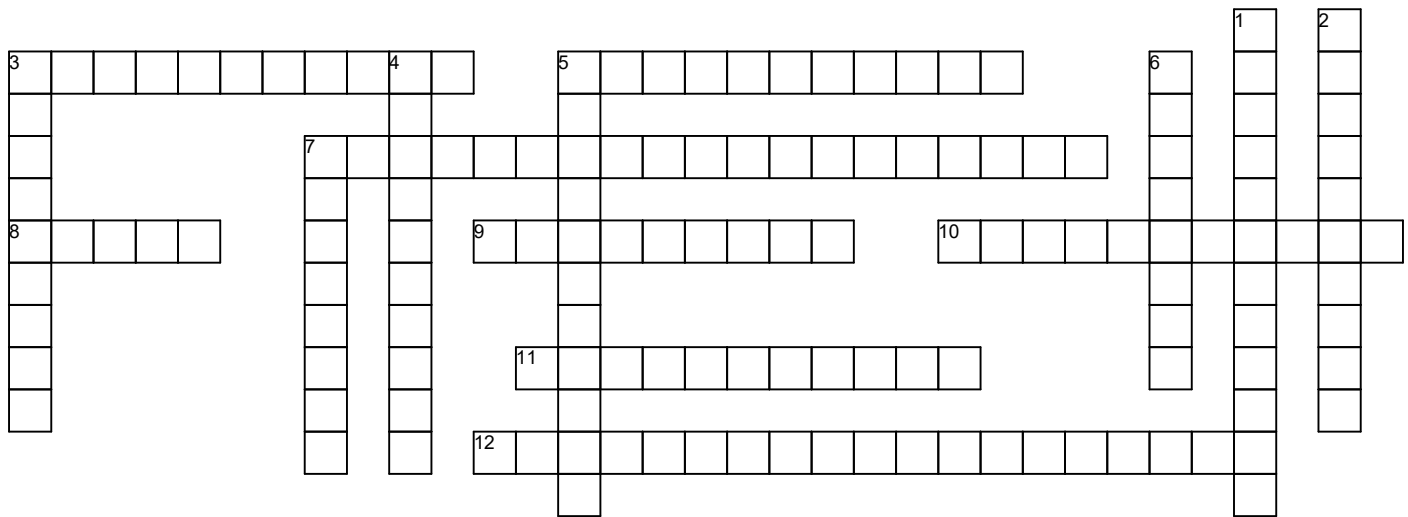


# AP Biology Vocabulary Crossword Puzzle 16

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



## ACROSS

3. Form of dominance in which the alleles of a gene pair in a heterozygote are fully expressed thereby resulting in offspring with a phenotype that is neither dominant or recessive.
5. The DNA when it is wrapped up tightly around proteins during metaphase.
7. The many characteristics of the experimental group and control group which are held constant.
8. The three nucleotide combination on the messenger RNA that matches up with the three letter combination on the transfer RNA and has the information to code for one amino acid.
9. The unwound form of DNA that is accessible for making RNA.
10. The steroid embedded in the cell membrane that keeps the membrane fluid and strong.
11. The cell part responsible for photosynthesis in eukaryotic cells.
12. The process of breaking down glucose to make ATP.

## DOWN

1. An intramolecular bond where atoms are sharing electrons equally.
2. The region of a chromosome to which the microtubules of the spindle attach, via the kinetochore, during cell division.
3. The continuous series of events that all somatic cells go through that includes interphase, mitosis, and cytokinesis.
4. An organelle near the nucleus of a cell that contains the centrioles (in animal cells) and from which the spindle fibers develop in cell division.
5. The green pigment molecule found in the chloroplasts of higher plants and in cells of photosynthetic microorganisms which is primarily involved in absorbing light energy for photosynthesis.
6. The attractive force between polar molecules of the same substance.
7. Structural part of some cells that can be made of cellulose, peptidoglycan, or chitin depending on what kingdom the organism belongs to.

covalent bond

cell wall

cellular respiration

codominance

chloroplast

codon

cell cycle

chlorophyll

chromatin

centrosome

centromere

chromosomes

cholesterol

controlled variables

cohesion