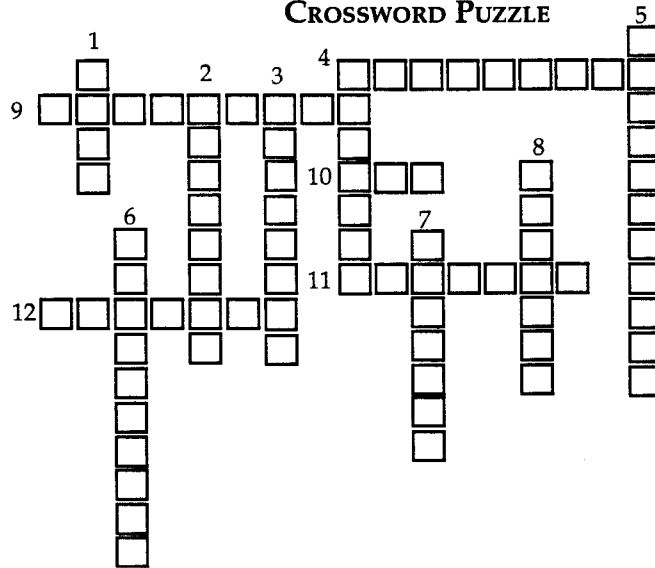


MITOSIS AND MEIOSIS CROSSWORD PUZZLE



Down

1. Only _____ cells can undergo meiosis.
2. When a cell first starts to undergo mitosis, it loses its nuclear membrane and chromosomes are formed from chromatin. This stage of mitosis is called _____.
3. Chromosomes move rapidly toward the mitotic centers during _____.
4. Sperm and egg cells result from a special type of cell division called _____.
5. DNA undergoes a process called _____ when it is duplicated.
6. When a cell is not undergoing the process of mitosis, it is in a stage called _____.
7. If an organism possesses just four different kinds of chromosomes and yet its cells have a total of eight chromosomes, eight would be its _____ number of chromosomes.
8. For the organism described above in the previous question, its _____ number of chromosomes is four.

Across

4. Duplicated chromosomes are arranged in the middle of the spindle during _____.
9. The stage of mitosis that happens at the same time the cytoplasm divides is called _____.
10. Eggs are also called _____.
11. The arrangement of microtubules that become visible during mitosis and that separate the chromosomes into equal groups is called the _____.
12. Telophase is the final stage of _____.