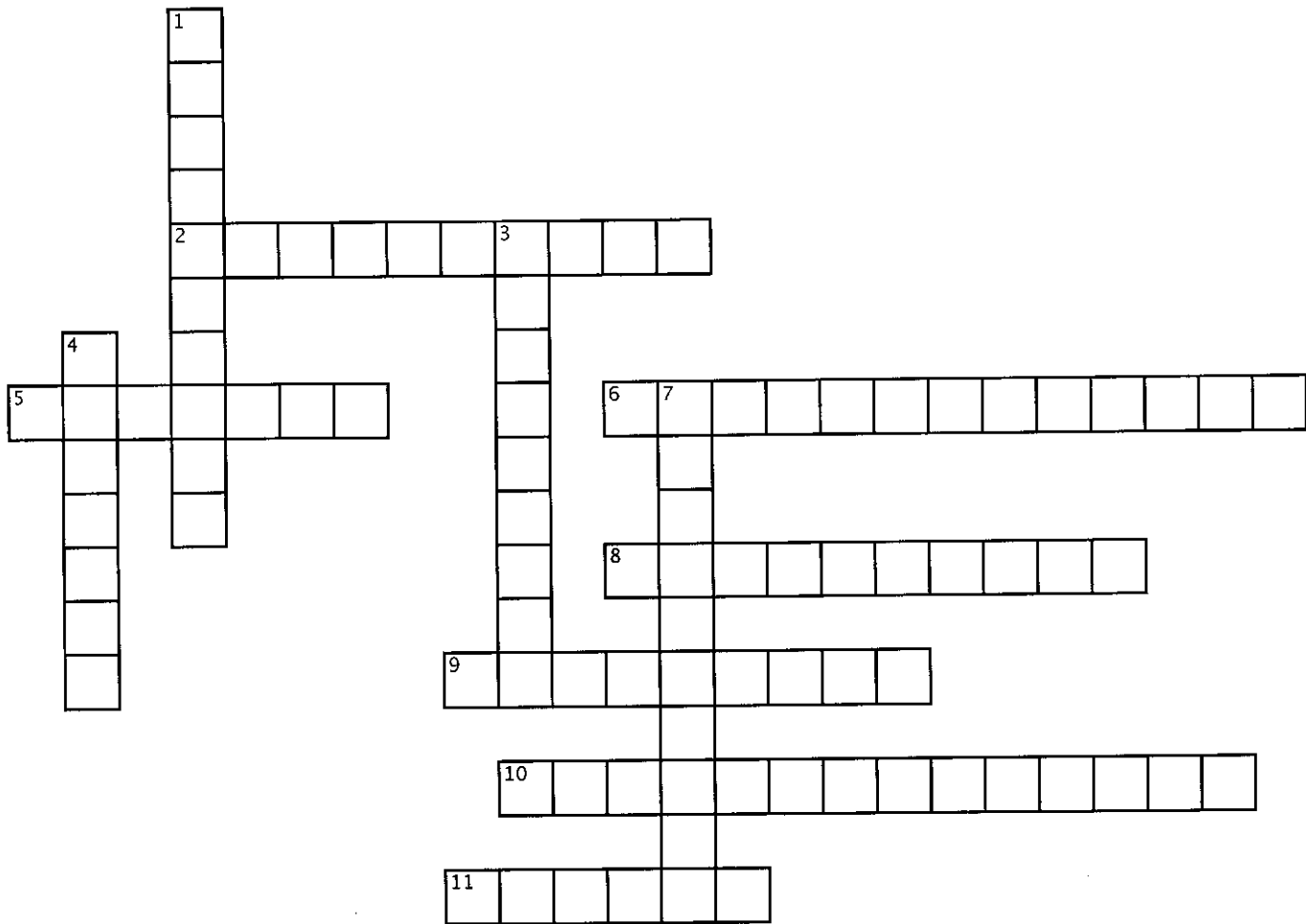


Cellular Reproduction: Mitosis, Cytokinesis, and the Cell Cycle

Name _____
Date _____



Across

2. proteins that control cell division
5. a type of basic protein that forms the unit around which DNA is coiled in the nucleosomes of eukaryotic chromosomes
6. cell division in single-celled prokaryotic organisms
8. an enzyme in eukaryotic cells that can add telomeres to the ends of chromosomes after they divide
9. a stage in mitosis or meiosis during which the chromosomes are aligned along the equatorial plane of the cell
10. a constriction of the cell membrane at the equator of the cell that marks the beginning of cytokinesis in animal cells
11. any malignant growth or tumor caused by abnormal and uncontrolled cell division; it may spread to other parts of the body through the lymphatic system or the blood stream

Down

1. we are made of this type of cell
3. the terminal stage of mitosis in which chromosomes uncoil; the spindle breaks down; and cytokinesis usually occurs
4. the process of nuclear division in cells that produces daughter cells that are genetically identical to each other and to the parent cell
7. G1, S and G2 occur during this phase