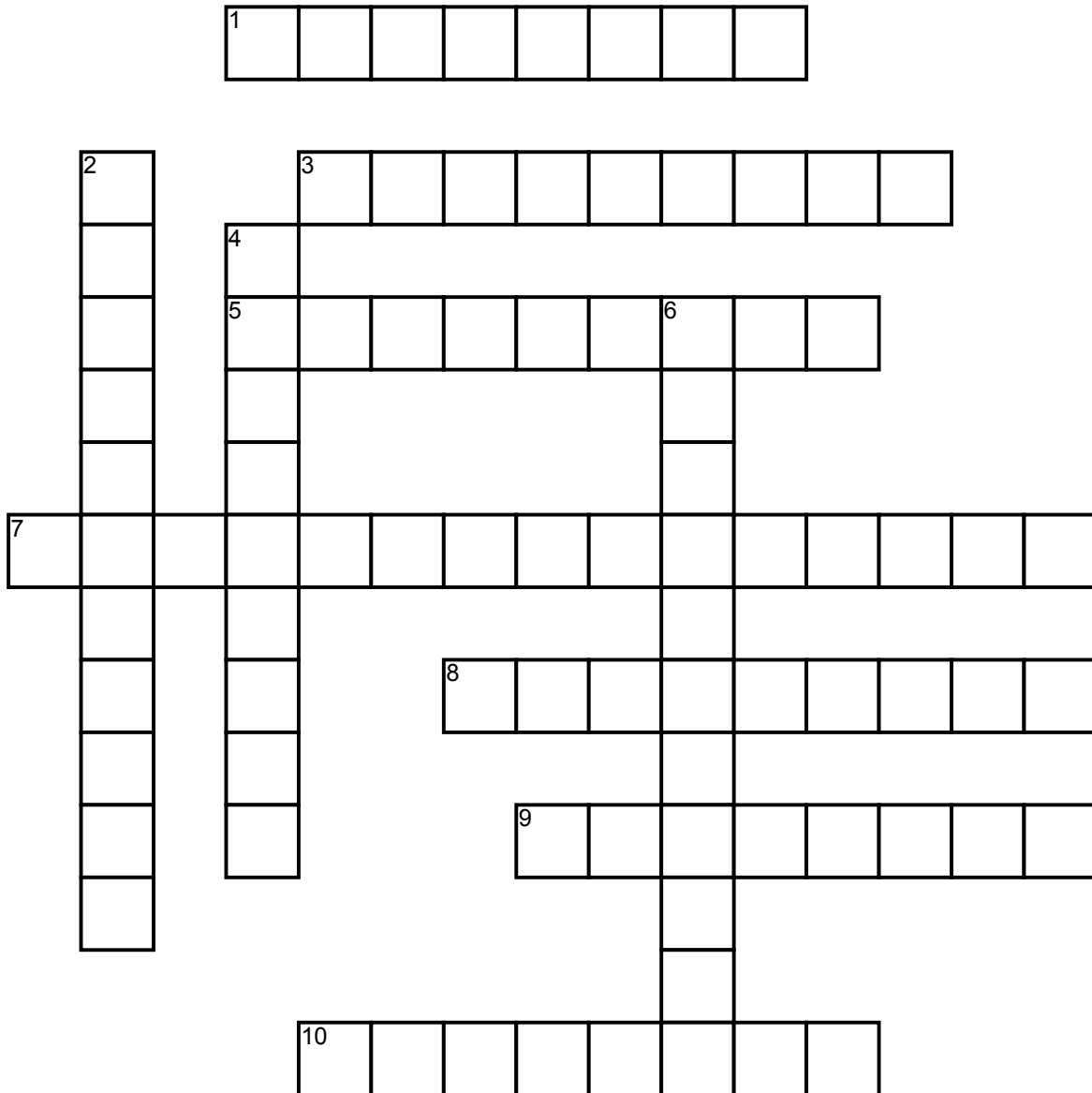


Name: _____

Cell Cycle Regulation and Mitosis



Across

1. The genetic material moves towards opposite poles (sides) of the cell
3. The chromosomes align in the center of the cell in preparation for division
5. The genetic make up of the daughter cell should be _____ to the original cell
7. After interphase, every chromosome is composed of _____
8. Final phase of mitosis during which the chromosomes begin to disperse

9. During this phase the DNA folds/condenses and wraps around histones

10. How many somatic chromosomes do humans have during the G1 phase of interphase

Down

2. Phase where division of the cytoplasm occurs
4. How many chromatids are present in a cell during prophase in human somatic cells?
6. There is 23 of these inherited from each parent.