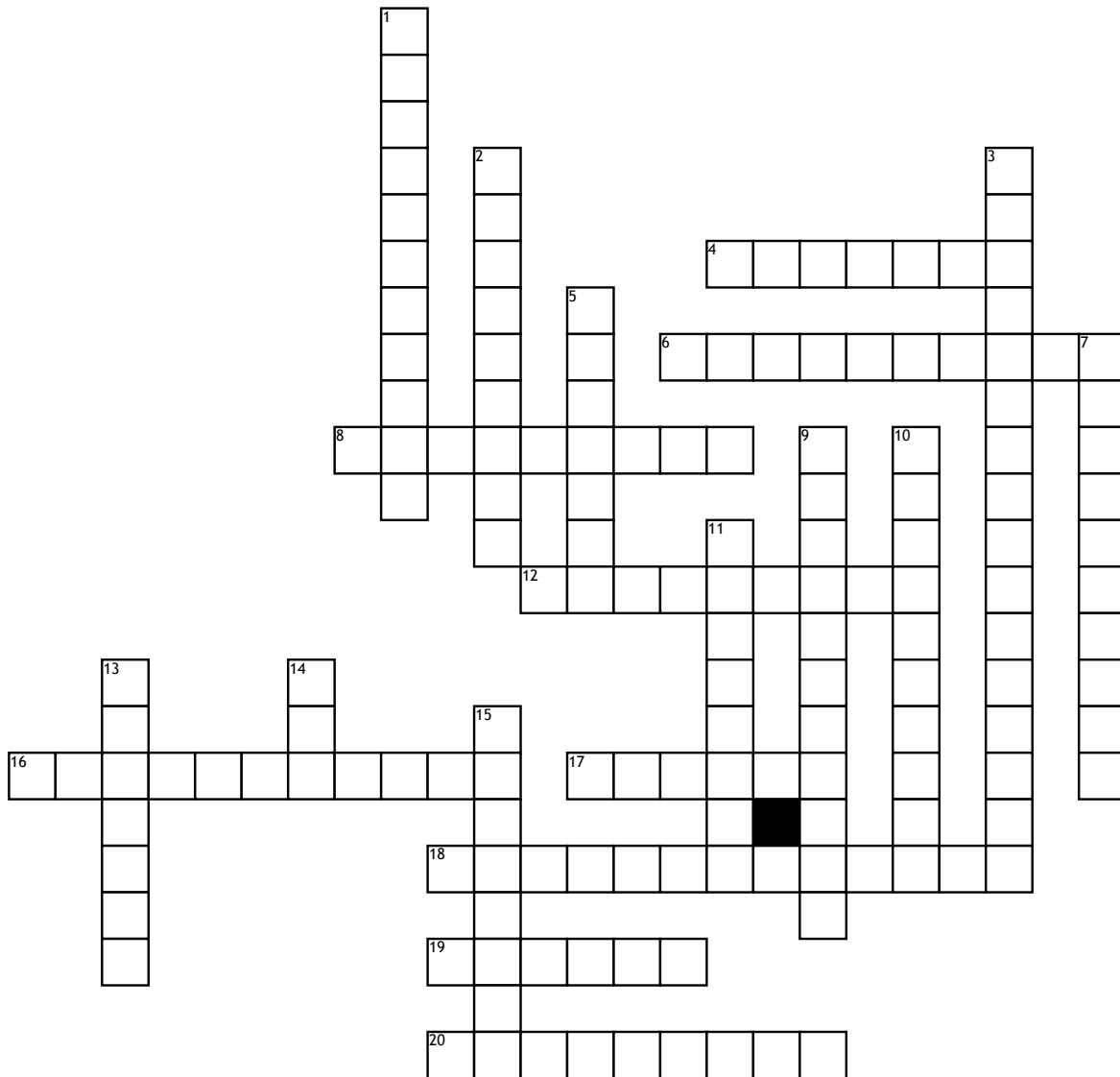


Name: \_\_\_\_\_

# Cell Cycle Project



## Across

4. What part of the cell is actually dividing during mitosis?
6. What holds chromatids together?
8. What phase of the cell cycle during which chromosomes line up in the middle of the cell?
12. What produces the spindle fibers in animal cells?
16. What is the process called when DNA is copied?
17. What phase of interphase does DNA replicate?
18. What moves the chromosomes in a cell?
19. What is uncontrolled cell division known as?

20. What phase of the cell cycle does chromosomes begin to unwind into chromatin?

## Down

1. What is the condensed form of DNA called?
2. What is the gel-like substance inside of a cell?
3. What are identical copies of a chromosome and are connected by a centromere?
5. What phase of the cell cycle prepares the cell for mitosis or meiosis?
7. In what type of cells does the cell cycle occur?

9. What phase of the cell cycle during which two identical daughter cells are formed?

10. What is the phase of the cell cycle during which the cell grows, replicates DNA, and undergoes final preparation for cell division?
11. What phases of the cell cycle does chromatin condense into chromosomes and spindle fibers form?
13. What phases of the cell cycle is known as the growth phase?
14. What stores genetic information?
15. What is the phase of the cell cycle which sister chromatids separate and move to opposite poles?