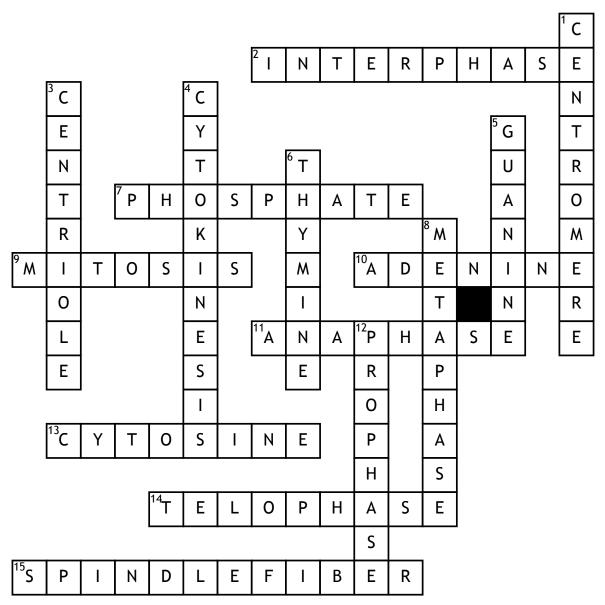
Name: Date:

DNA and Mitosis



Across

- **2.** The first stage of a cell's life cycle.
- 7. Part of the "handrails" of DNA
- **9.** The process of dividing a cell's nucleus.
- **10.** Nitrogen base that pairs with thymine.
- 11. A stage where chromosomes are pulling apart.

- **13.** Nitrogen base that pairs with Guanine
- **14.** The last stage of mitosis.
- **15.** Attach to chromosomes to pull them apart.

Down

- 1. Holds the copied chromosomes together.
- **3.** Seen in animal cells, but not plant cells.

- **4.** A cell division stage where the cytoplasm and cell parts split up.
- **5.** Nitrogen base that pairs with Cytosine.
- **6.** Nitrogen base that pairs with adenine.
- **8.** The mitosis stage where chromosomes line up across the middle.
- **12.** The first stage of mitosis.