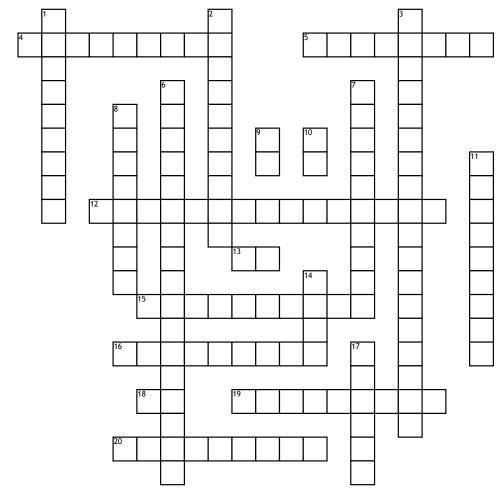
## Phases From Mitosis and DNA Replication

## **Across**

- 4. uncoiled DNA
- **5.** Chromatin condenses to form chromosomes
- **12.** prophase, metaphase, anaphase, telophase
- **13.** 1st phase of cell cycle and interphase. Period of cell growth
- **15.** place where chromatids attach to make chromosome
- **16.** A new nuclear membrane is forming around the chromosomes
- **18.** represents male sex chromosomes
- **19.** Chromosomes line up
- **20.** G1, Synthesis, G2, Mitosis, Cytokinesis

## Down

- 1. 2 copies of DNA on each chromosome
- 2. DNA is replicated
- 3. G1, S, G2
- **6.** G1, S, G2, mitosis, cytokinesis
- **7.** made of 2 exact copies of DNA coiled around protein



- **8.** Chroosomes move toward respect poles
- **9.** Period when DNA replication occurs.
- **10.** represents female sex chromosomes
- **11.** pictures of chromosomes arranged by size
- 14. segments of DNA on a chromosome that code for a specific protein/trait
- **17.** Period when DNA replication occurs.

