

Name: _____

Date: _____

MITOSIS WORKSHEET

Fill in the blanks using the word bank below:

Interphase	Prophase	Anaphase	Telophase
Metaphase	Cytokinesis (2x)	Sister Chromatid	
	Centromere	Cell Plate	

- Cytokinesis** 1. In what phase does the cell begin to split the cytoplasm and daughter cells first become visible in mitosis?
- Anaphase** 2. During what phase of mitosis do centromeres divide and the chromosomes move toward their respective poles?
- Prophase** 3. What is the phase where chromatin condenses to form chromosomes?
- Centromere** 4. What is the name of the structure that connects the two sister chromatids?
- Sister Chromatid** 5. In a chromosome pair connected by a centromere, what is each individual chromosome half called?
- Telophase** 6. What is the step of cell division where 2 identical daughter cells are formed?
- Interphase** 7. Which phase of the cell cycle occurs when the cell is preparing to divide so it grows in size making organelles and copying DNA?
- Cell Plate** 8. What forms across the center of a plant cell near the end of telophase?
- Cytokinesis** 9. What is the division of the cytoplasm called?
- Metaphase** 10. During this phase chromosomes line up in the middle.