

Name: _____

Date: _____

Mitosis Worksheets

Word Bank

prophase **centromere** **anaphase** **cytokinesis x2** **sister chromatid** **prophase**

1. During what phase of mitosis do centromeres divide and the chromosomes move toward their respective poles? **anaphase**
2. In what phase does the cell begin to split the cytoplasm and daughter cells first become visible in mitosis? **cytokinesis**
3. What is the name of the structure that connects the two sister chromatids? **centromere**
4. Which phase of the cell cycle occurs when the cell is preparing to divide so it grows in size making organelles and copying DNA? **interphase**
5. What is the division of the cytoplasm called? **cytokinesis**
6. What is the phase where chromatin condenses to form chromosomes? **prophase**
7. In a chromosome pair connected by a centromere, what is each individual chromosome half called? **sister chromatid**