

Name:

Date:

Period:

## Biology: Vocabulary for Mitosis and Meiosis

### Mitosis

Chromosome

Chromatid

Centromere

Spindle fibers

Centrioles

Nuclear envelope

Cytokinesis

Homologous

### The Cell Life Cycle

#### I. Interphase

G<sub>1</sub> phase

S phase

G<sub>2</sub> phase

#### II. Division

M phase

↓ { Prophase

Metaphase

Anaphase

Telophase

Cytokinesis

### Meiosis

Crossing over

Gamete

Haploid (N)

Diploid (2N)

### Phases of Meiosis

#### Phase I.

Prophase I

Metaphase I

Anaphase I

Telophase I

Cytokinesis I (first cell division)

#### Phase II

Prophase II

Metaphase II

Anaphase II

Telophase II

Cytokinesis II (second cell division)