

**SECTION 2 - 3**

**REVIEW AND REINFORCE**

# Cell Division

## ◆ Understanding Main Ideas

*Fill in the blanks in the table below. Then answer the questions that follow in the spaces provided.*

**Phases of Mitosis**

Phase	Event
Prophase	<b>1.</b> _____
<b>2.</b> _____	Chromosomes attach to spindle fibers
Anaphase	<b>3.</b> _____
<b>4.</b> _____	New nuclear membranes form

**5.** Which stage of the cell cycle usually lasts longest?

\_\_\_\_\_

**6.** During which stage of the cell cycle does DNA replication occur?

\_\_\_\_\_

**7.** During which stage of the cell cycle does the cell membrane pinch the cell in two?

\_\_\_\_\_

## ◆ Building Vocabulary

*Match each term with its definition by writing the correct letter in the blank.*

\_\_\_\_\_ **8.** Regular sequence of growth and division that cells undergo

\_\_\_\_\_ **9.** First stage of the cell cycle

\_\_\_\_\_ **10.** Process in which DNA is copied

\_\_\_\_\_ **11.** Stage of the cell cycle during which the cell's nucleus divides

\_\_\_\_\_ **12.** Doubled rod of condensed chromatin

\_\_\_\_\_ **13.** Each identical rod of a chromosome

\_\_\_\_\_ **14.** Final stage of the cell cycle

**a.** interphase

**b.** mitosis

**c.** cell cycle

**d.** chromatid

**e.** cytokinesis

**f.** replication

**g.** chromosome