

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	1. _____
2. _____	Chromosomes attach to spindle fibers
Anaphase	3. _____
4. _____	New nuclear membranes form

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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

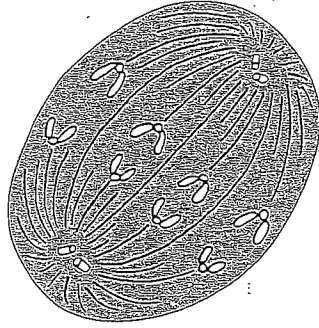
_____ 13. Each identical rod of a chromosome

_____ 14. Final stage of the cell cycle

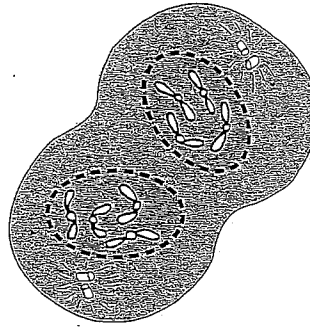
- a. interphase
- b. mitosis
- c. cell cycle
- d. chromatid
- e. cytokinesis
- f. replication
- g. chromosome

Name _____ Class _____ Date _____

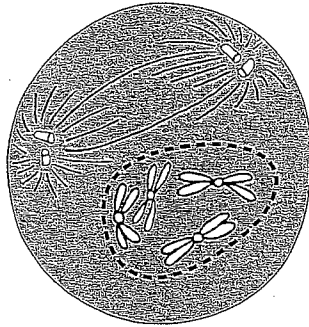
Identify each of the four phases of mitosis pictured below.



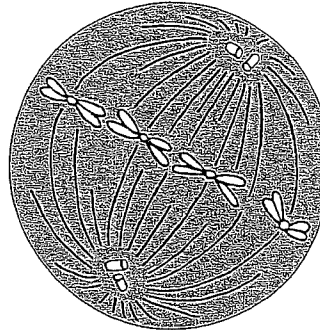
a. _____



c. _____



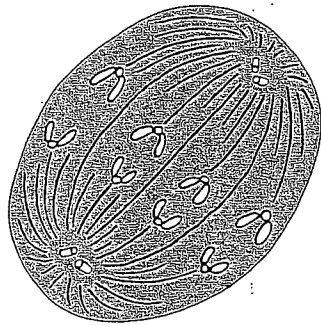
b. _____



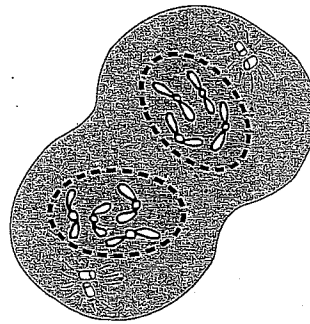
d. _____

Name _____ Class _____ Date _____

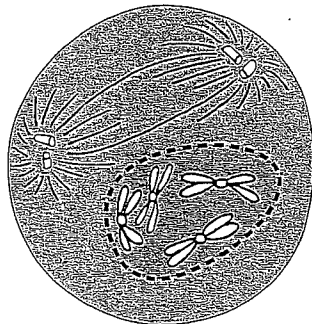
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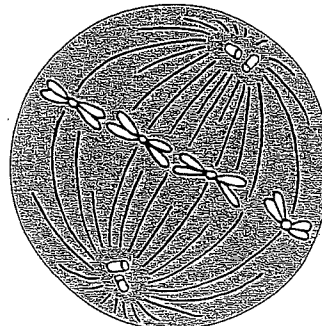
a. _____



c. _____



b. _____



d. _____