

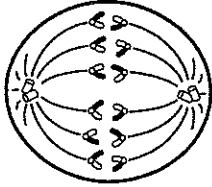
## SECTION



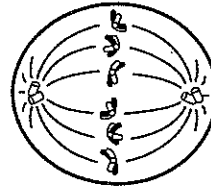
## Reinforcement

## Cell Division and Mitosis

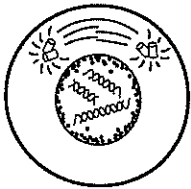
**Directions:** Study the following diagrams. Then label the appropriate steps of mitosis.



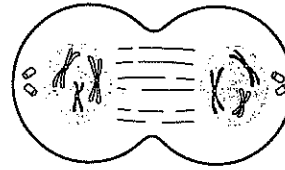
1. \_\_\_\_\_



2. \_\_\_\_\_



3. \_\_\_\_\_



4. \_\_\_\_\_

**Directions:** Answer the following questions on the lines provided.

5. Once chromosomes have been copied during interphase, the cell is ready to begin what process?  
\_\_\_\_\_
6. During metaphase, the centromeres attach to what structures? \_\_\_\_\_
7. Why doesn't the cell membrane pinch in to divide the cytoplasm telophase in plant cells?  
\_\_\_\_\_
8. How many chromosomes does each new cell contain after mitosis if the original cell had 52 original cell chromosomes? \_\_\_\_\_
9. Why is mitosis a form of asexual reproduction?  
\_\_\_\_\_
10. What are three types of asexual reproduction?  
\_\_\_\_\_
11. Why are skin cells undergoing mitosis continuously?  
\_\_\_\_\_
12. What types of cells in your body are no longer undergoing mitosis?  
\_\_\_\_\_
13. What phase of the cell cycle are the types of cells in Question 12?  
\_\_\_\_\_