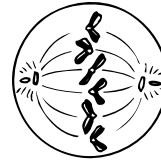
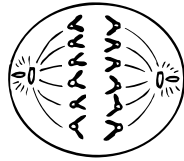


**Chapter 16**

Use with Section 1

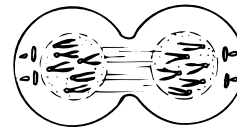
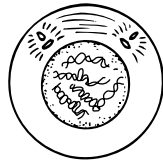
**REINFORCEMENT****• Cell Growth and Division**

Label the following diagrams with the appropriate phase of mitosis.



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

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



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

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

Answer the following questions.

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