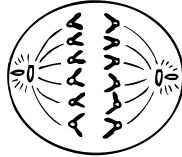


Chapter 15

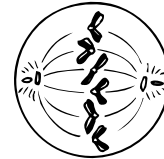
Use with Section 1

REINFORCEMENT**• Cell Growth and Division**

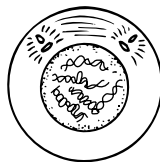
Label the following diagrams with the appropriate phase of mitosis.



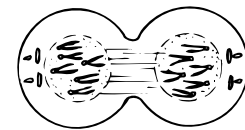
1. _____



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? _____