

APPLICATION: HEALTH

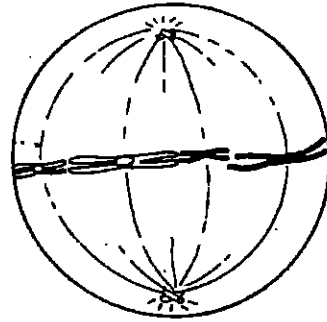
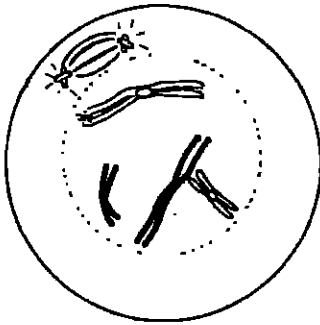
Name _____ Date _____ Class _____

Use after Section 22:1.

THE STEPS OF MITOSIS

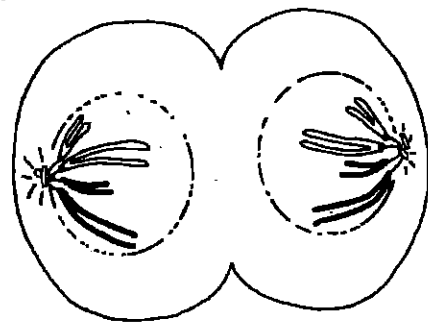
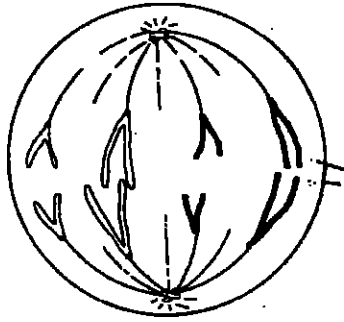
To stay healthy, your body cells must undergo mitosis regularly. Dead or damaged cells are replaced with new cells.

Label the diagrams below to show the stages in the four steps of mitosis.



1. _____

2. _____



3. _____

4. _____

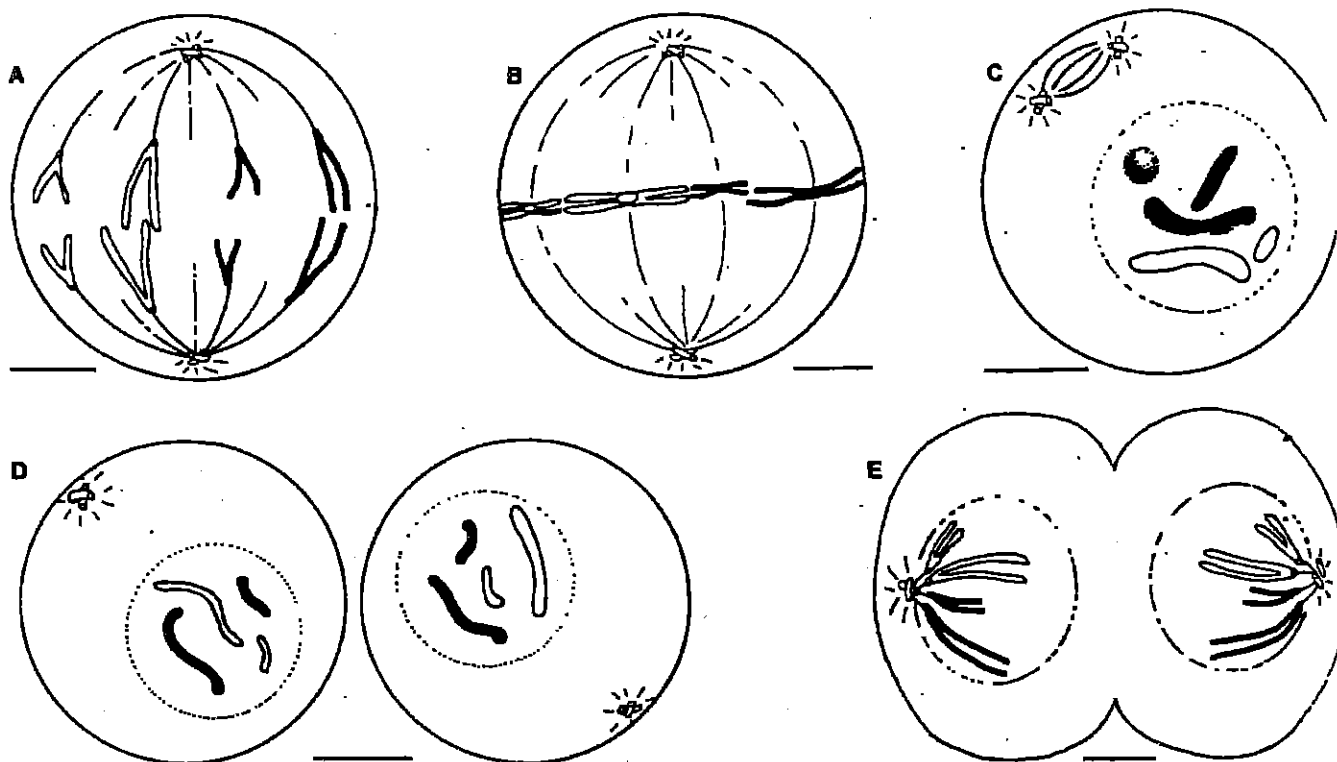
STUDY GUIDE

Name _____ Date _____ Class _____

MITOSIS

In your textbook, read about the steps of mitosis in Section 22:1.

1. The following steps of mitosis are out of order. Place the numbers 1-5 in the blanks to show the correct order.



2. In the blanks below, write the letter of the diagram above that is being described.

- Two new identical cells are formed. _____
- Cytoplasm begins to separate. _____
- Sister chromatids are first pulled apart. _____
- Chromosomes are completely separated and at opposite ends of the cell. _____
- Sister chromatids can be seen for the first time. _____
- This is what cells look like before going through mitosis. _____
- Nuclear membrane begins to break down. _____
- Sister chromatids move to the cell's center and line up on fibers. _____
- A nuclear membrane begins to form around chromosomes. _____