

Name: \_\_\_\_\_

Period: \_\_\_\_\_

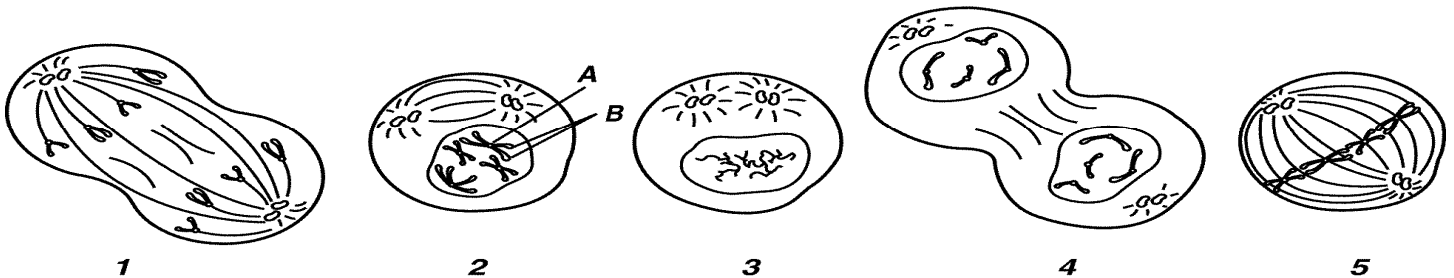
# CELL CYCLE WORKSHEET

## 1) Match the description with the part of the cell cycle:

- |   |                |
|---|----------------|
| _____The chromosomes line up across the middle of the cell.             | A. Interphase  |
| _____The cell grows, matures, and eventually copies its DNA.            | B. Prophase    |
| _____The chromatids are pulled apart, to opposite ends of the cell.     | C. Metaphase   |
| _____The chromatin forms chromosomes, nuclear membrane gone.            | D. Anaphase    |
| _____The cell membrane pinches in, dividing the cytoplasm into 2 cells. | E. Telophase   |
| _____A nuclear membrane forms around both sets of chromatids.           | F. Cytokinesis |

## 2) Match the illustration with the part of the cell cycle: (use above letters)

*The Cell Cycle*



1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_

## 3) Arrange the number of illustrations 1 – 5 in the correct order for the process of mitosis:

\_\_\_\_\_

## 4) Why is mitosis an important life process?