

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Per: \_\_\_\_\_

## Chapter 12 Review: Mitosis

### Questions to answer:

1. What has to occur for a cell to divide? What purposes do these divisions serve?
  
2. Why does the DNA condense into chromosomes during cell division?
  
3. Explain what happens during each of the following phases of the cell cycle in a typical eukaryotic cell:
  1. Interphase
    - i. G1
  
    - ii. S
  
    - iii. G2
  
  2. Prophase
  
  3. Pro-Metaphase
  
  4. Metaphase
  
  5. Anaphase
  
  6. Telophase
  
  7. Cytokinesis

