

YOU MUST HAND WRITE THESE ANSWERS!

1. Prokaryotes divide by a process called: \_\_\_\_\_.
2. How many chromosomes do prokaryotes have? \_\_\_\_\_
3. What are the 2 main stages of the cell cycle? \_\_\_\_\_ and \_\_\_\_\_
4. Interphase is broken up into what stages?
5. What are the stages of mitosis? (know what happens at each stage)
  
6. What is cytokinesis?
7. What are histone proteins?
8. What is a centromere?
9. What is a kinetochore?
10. Why is it important for the cell cycle to be regulated (why do you not want uncontrolled cell growth)?
  
11. What are cyclin-dependent kinases?
  
12. What are proto-oncogenes?
  
13. What are tumor suppressor genes?
  
14. What is the end result of mitosis?