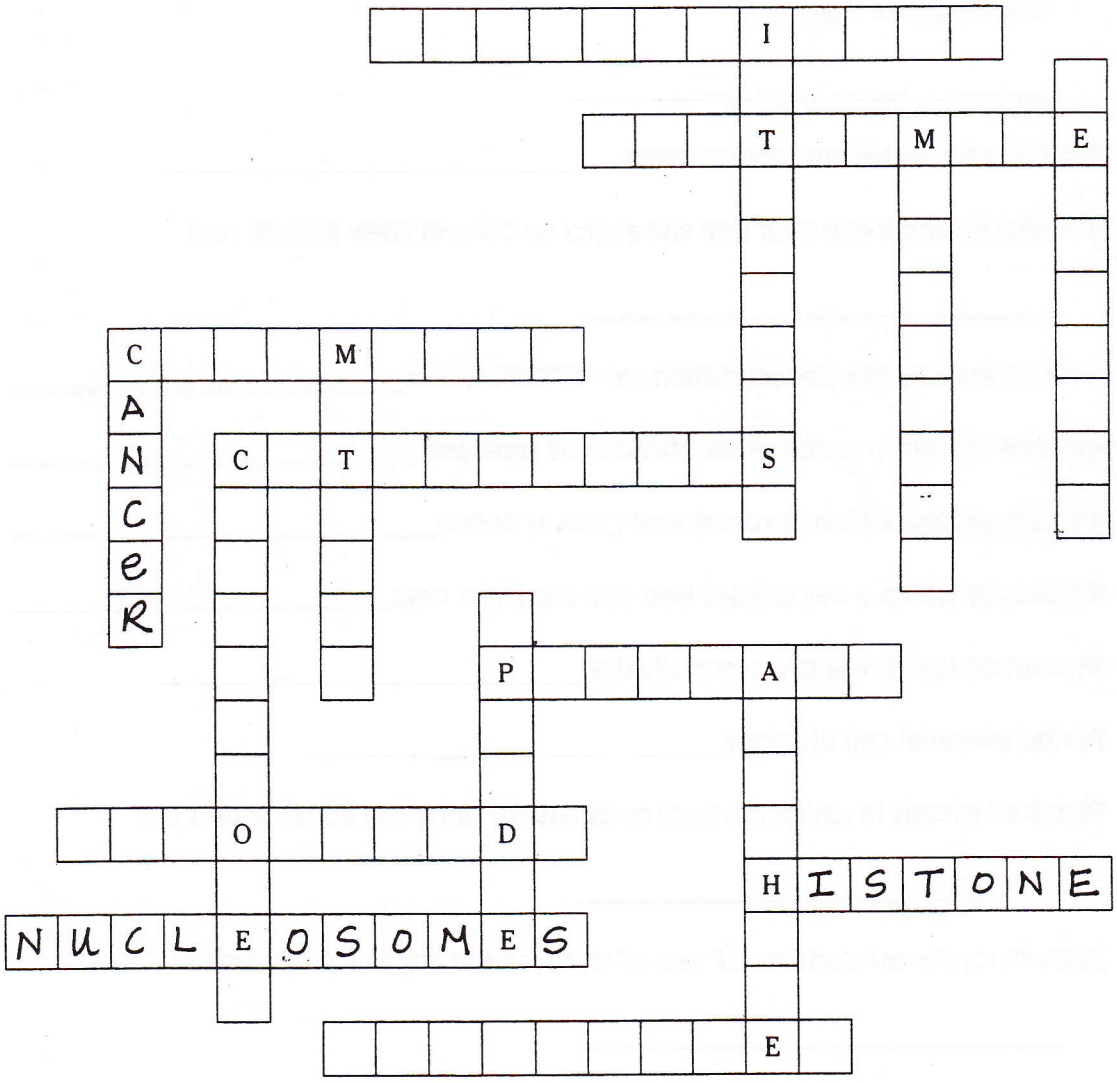
Name_____

Hour_____

# Chapter 10 Vocabulary Review

**Write the answers to the numbered clues on the lines provided. These answers will give you words to fill in the crossword diagram below. The crossword contains letter clues to help you place the word or words correctly.**



1. Beadlike structures formed by DNA and histone molecules

_____ (pg. 296)

2. Meshlike structure that helps move the chromosomes apart

_____ (pg. 247)

3. Process by which the cell nucleus is divided_____ (pg. 244)

4. First and longest phase of mitosis_____ (pg. 246)

5. Phase of mitosis in which chromosomes move to opposite poles of the cell forming two daughter cells

_____ (pg. 248)

6. Material that makes up chromosomes_____ (pg. 176)

7. Disorder in which the cells lose the ability to control their growth rate

_____ (pg. 252)

8. Point of attachment between each pair of chromatids_____ (pg. 245)

9. Phase of mitosis in which sister chromatids separate_____ (pg. 248)

10. Protein around which chromosomal DNA is coiled_____ (pg. 297)

11. Process by which a cell divides into two daughter cells_____ (pg. 243)

12. Process by which the cytoplasm divides_____ (pg. 244)

13. Period between cell divisions_____ (pg. 245)

14. Phase of mitosis in which chromosomes line up along the equator of a cell

_____ (pg. 248)

15. Each chromosome consists of two of these at the beginning of mitosis

_____ (pg. 244)

16. Microtubule-containing structures located near the nucleus during prophase

_____ (pg. 248)

17. Cell structures that contain genetic information_____ (pg. 244