



Vocabulary Review *continued*

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- \_\_\_\_\_ 10. During cell division, sister chromatids are separated at the
- a. centromere.
  - b. nucleosome.
  - c. centrosome.
  - d. chromosome.
- \_\_\_\_\_ 11. Which of these is a network of microtubules that forms during mitosis to pull chromatids to opposite ends of a cell?
- a. histone
  - b. chromatin
  - c. spindle
  - d. centromere
- \_\_\_\_\_ 12. In eukaryotes, a structural unit made up of DNA wound around a center of histone proteins is called a
- a. chromatid.
  - b. nucleosome.
  - c. centrosome.
  - d. looped domain.
- \_\_\_\_\_ 13. The structure that directs chromosome movement during mitosis and aids in the formation of the microtubule scaffolding that pulls on the chromosomes is the
- a. centrosome.
  - b. nucleosome.
  - c. spindle.
  - d. cytokinesis.

**Complete each statement by writing the correct term in the space provided.**

14. \_\_\_\_\_ is a group of severe and sometimes fatal diseases caused by uncontrolled cell growth.
15. A mass of defective cells that divide very rapidly is called a(n) \_\_\_\_\_.