

1. Beadlike structures formed by DNA and histone molecules

2. Meshlike structure that helps move the Chromosomes apart

3. Process by which the cell nucleus is divided _____
4. First and longest phase of mitosis _____
5. Phase of mitosis in which chromosomes move to opposite poles of the cell forming two daughter cells

6. Material that makes up chromosomes _____
7. Disorder in which the cells lose the ability to control their growth rate

8. Point of attachment between each pair of chromatids _____
9. Phase of mitosis in which sister chromatids separate _____
10. Protein around which chromosomal DNA is coiled _____
11. Process by which a cell divides into two daughter cells _____
12. Process by which the cytoplasm divides _____
13. Period between cell divisions _____
14. Phase of mitosis in which chromosomes line up along the equator of a cell

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

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

17. Cell structures that contain genetic information _____