

<https://biomanbiocom/HTML5GamesandLabs/Genegames/mitosismoverpage.html>

1. What is uncoiled stringy DNA called?
2. Each of your cells has \_\_\_\_\_ pieces of \_\_\_\_\_.
3. Which of the following are true statements?
  - a. DNA replicates during Interphase
  - b. Chromatin is made of DNA
  - c. Genes are found on DNA
  - d. All of the above
4. Mitosis is an important part of cell division which allows you to make \_\_\_\_\_.
5. Mitosis ultimately results in the formation of \_\_\_\_\_.
6. Why do organisms do mitosis?
7. Mitosis is divided into \_\_\_\_\_.
8. One important event of \_\_\_\_\_ is that the chromosomes \_\_\_\_\_ and become visible.
9. Each half of a chromosome is called a \_\_\_\_\_.
10. The sister chromatids of a chromosome are \_\_\_\_\_.
11. The nucleus \_\_\_\_\_ during prophase.
12. In \_\_\_\_\_ the chromosomes line up single file down the \_\_\_\_\_.
13. In anaphase, sister chromatids \_\_\_\_\_.
14. In telophase, two diploid \_\_\_\_\_ are being formed.
15. The chromosomes \_\_\_\_\_ to make \_\_\_\_\_ again.
16. Usually at the same time that Telophase occurs, \_\_\_\_\_ also occurs.
17. After mitosis and cytokinesis are complete, which of the following are true?
  - a. 4 genetically different daughter cells have been produced
  - b. 4 genetically identical daughter cells have been produced
  - c. 2 genetically different daughter cells have been produced
  - d. 2 genetically identical daughter cells have been produced
18. Draw the stages of mitosis in order below. Be sure to label the phases.
19. What score did you get on the online lab?