1.

1. List nuclear structures from largest to smallest

9. G1, S, and G2 combined are also called \_\_\_\_\_\_\_.

8. What happens in M?

7. What happens in G2?

3. When a cell grows and divided, it is called the \_\_\_\_\_\_\_.

2.

List the 3 parts of a chromosome

6. What happens in S?

5. What happens in G1?

4. List the 4 phases of the cell cycle.

(In order)

1.

10.

What are the 4 phases of Mitosis? (In order)

18. The 2 identical daughter cells in mitosis are called \_\_\_\_\_\_\_\_\_\_\_\_.

17.

Cells in Mitosis split into \_\_\_\_\_\_\_ daughter cells and are \_\_\_\_\_\_\_.

16. What kind of cells go through mitosis?

12. In this phase, the chromosomes line up in the middle of the cell.

11. In this phase, the chromatin pack together and pile in the middle as new chromosomes.

15. In this final stage, the cells divide and become two. The cycle starts over.

14. In this phase, two new nuclei form but the cells have not divided yet.

13. In this phase, the chromosomes pull apart, turning into chromatid, and move to both sides.

1.

19. The job of mitosis is \_\_\_\_\_\_\_\_\_.

27. Special cells that are able to produce other TYPES of cells

26. List 5 examples of asexual reproduction

25.

Asexual reproduction is a form of \_\_\_\_\_\_\_\_ because the new cell is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

21. What’s the job of meiosis?

20. What kind of cells go through meiosis?

24. When chromosomes swap genetic information in meiosis it’s called \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

23. Sex cells are called \_\_\_\_\_\_\_\_\_ and the new daughter cells in meiosis are called \_\_\_\_\_\_\_\_\_\_\_\_.

22. Cells in meiosis split into \_\_\_\_\_\_ daughter cells and are \_\_\_\_\_\_\_\_\_\_\_\_\_.

1.

1.

9.

8.

7.

3.

2.

6.

5.

4.