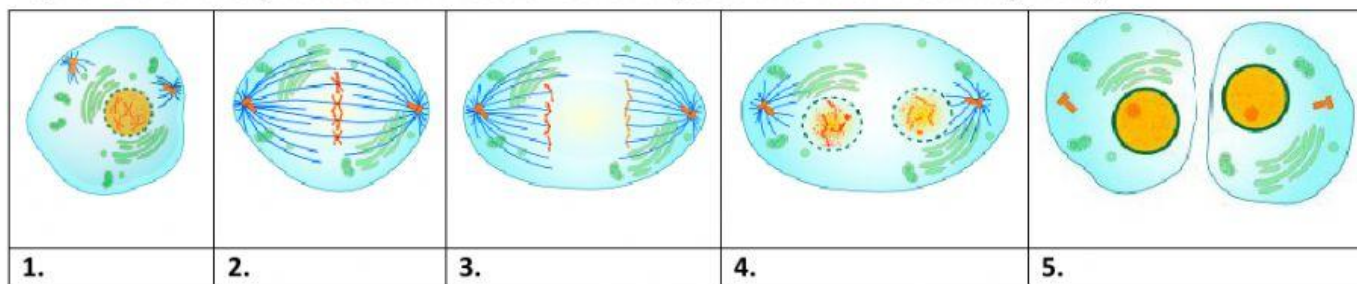


Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Writing Activity

**Q.1. Label the phases of Mitosis below: (Use the word bank given)**



#### Word bank

**Telophase, Metaphase, Anaphase, Prophase, Interphase.**

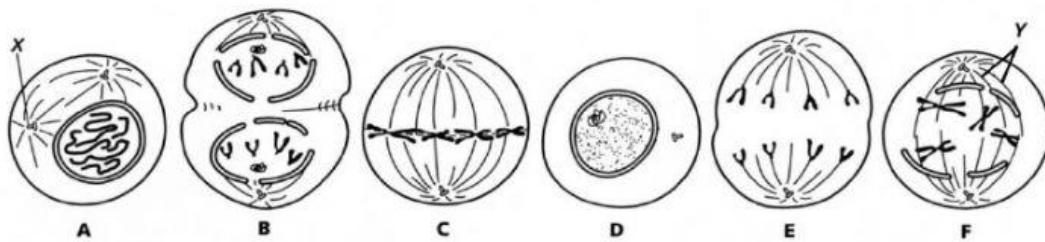
**Q.2. Complete the table by saying “yes” or “no” for each statement.**

Statement	Interphase	Mitosis
6. Cell growth occurs		
7. Nuclear division occurs		
8. <i>Chromosomes</i> are finishing moving into separate daughter cells.		
9. Chromosomes are duplicated		
10. DNA synthesis occurs		
11. Where cells spend most of their life		
12. Mitochondria and other organelles are made.		

**Q.3 Use the following illustrations for questions 13 – 22**

**Word Bank:**

**A, B, C,D,E,F, Centrioles, Spindle fibers, Interphase (D),  
Telophase,(D-A-F-C-E-B),(A,B,D,C,F,E),Metaphase(C), two  
genetically identical cells, four genetically different cells, 46,23.**



13. In cell A, what is the structure labeled X? \_\_\_\_\_

14. In cell F, what is the structure labeled Y? \_\_\_\_\_

15. Which cell is not in a phase of mitosis? \_\_\_\_\_

16. New nuclear membranes are forming in B. What is this phase called?

\_\_\_\_\_

17. Sequence the six diagrams in chronological order from first to last. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,

\_\_\_\_\_, \_\_\_\_\_

18. Chromosomes move to the middle of the cell during.

\_\_\_\_\_

19. What is the end product of Mitosis?

\_\_\_\_\_

20. If a cell has 46 chromosomes, how many chromosomes will each daughter cell have after mitosis? \_\_\_\_\_.