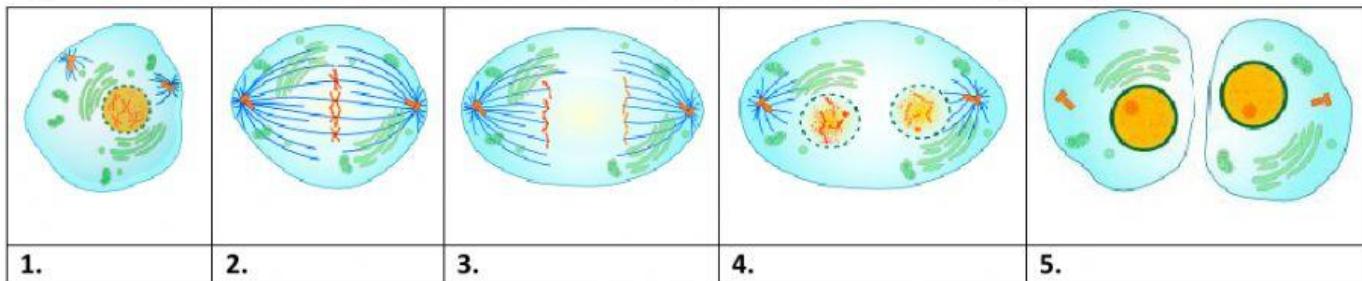


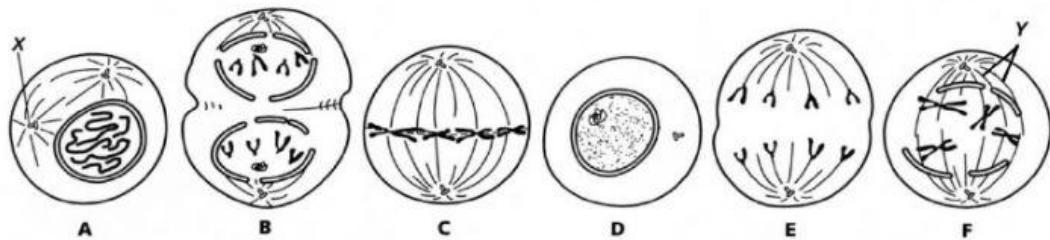
Writing Activity**Q.1. Label the phases of Mitosis below: (Use the word bank given)****Word bank****Telophase, Metaphase, Anaphase, Prophase, Interphase.****Q.2. Complete the table by saying “yes” or “no” for each statement.**

Statement	Interphase	Mitosis
6. Cell growth occurs		
7. Nuclear division occurs		
8. Chromosomes 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? _____.