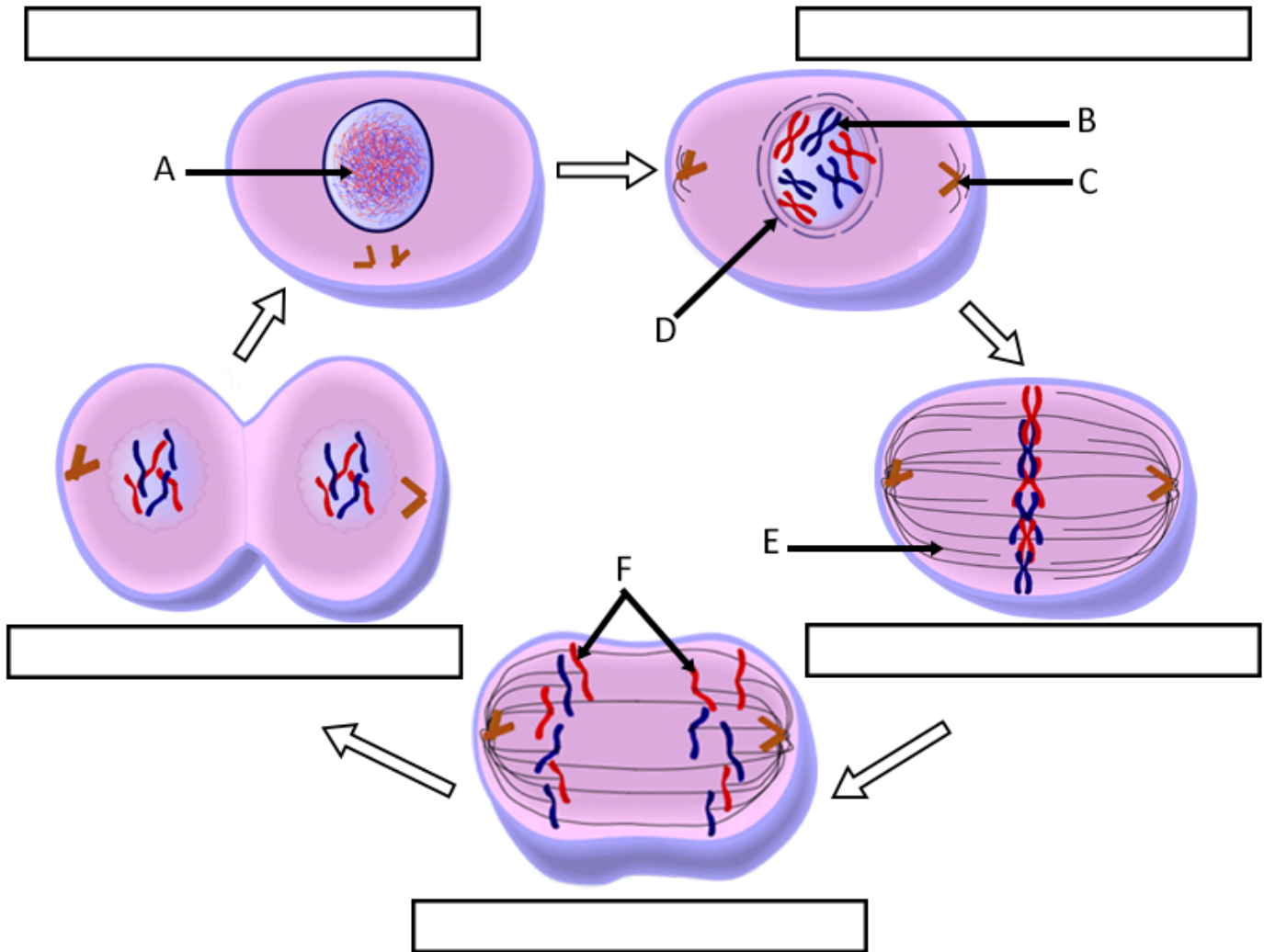


## Cell Cycle Labeling

1. Identify the phase of each and write the complete name in the box.



2. Match the following structures on the diagram:

- |                            |               |                      |
|----------------------------|---------------|----------------------|
| ___ Centriole (Centrosome) | ___ Spindle   | ___ Nuclear Membrane |
| ___ Chromatin              | ___ Chromatid | ___ Chromosome       |

3. What is the diploid number of the original cell? \_\_\_\_\_ (how many chromosomes does it have?)

What is the diploid number of the daughter cells? \_\_\_\_\_

4. How many daughter cells are produced during mitosis? \_\_\_\_\_

5. What structures move the chromosomes during this process? \_\_\_\_\_

6. In which phase do chromosomes first become visible? \_\_\_\_\_

7. DNA is in what form during interphase? \_\_\_\_\_

8. During which phase do chromosomes line up along the equator of the cell? \_\_\_\_\_