

Warm Up

Copy the following questions. Watch the short video clip and answer the questions.

Identify each of the situations as...

- happening **ONLY** in **MEIOSIS**
- happening **ONLY** in **MITOSIS**
- happening in **BOTH MEIOSIS & MITOSIS**.

1. DNA replication occurs before cell division.
2. Chromatin condenses into chromosomes before cell division.
3. The nuclear membrane breaks down during cell division.
4. Synapse occurs.
5. Crossing over occurs.
6. The same number of chromosomes are present in the daughter cells as the parent cell.
7. Half the number of chromosomes are present in the daughter cells compared to the parent cell.