

CELL DIVISION AND MITOSIS FLAP BOOK - LIST OF EVENTS

INSTRUCTIONS: Cut out each of the 14 list of events below. Each depicts events that occur during interphase and mitosis. After cutting, sort and arrange these events under the correct flap in your cell division and mitosis flap book so that each event is properly matched to the correct stage of cell division.

1. Nuclear membrane has completely disappeared.
2. Spindle fibers pull the chromosomes apart at the centromere and drag them to opposite poles.
3. Spindle fibers dissolve.
4. Nuclear membranes begin to reform around separate (but identical) sets of chromosomes.
5. Spindle fibers have moved the duplicated chromosomes so that they line up at the middle of the cell.
6. The cell elongates.
7. Duplicated chromosomes begin to condense and thicken.
8. DNA replicates to create duplicated chromosomes.
9. Centriole pairs begin to move to opposite poles.
10. Spindle fibers begin to form.
11. Chromosomes begin to uncoil.
12. Nuclear membrane begins to dissolve.
13. Centriole pairs are fully moved to opposite poles.
14. The cell begins cytokinesis by cell membrane moving in to divide the cytoplasm.