

Cell Cycle Stages Worksheet

Name

Per.

Write the events in the correct steps of the cell cycle.

| Stage | Events | | Events to place in order |
|------------|-------------|--|--|
| Interphase | G1 | | <input type="checkbox"/> chromosomes line up in the middle of cell |
| | | | <input type="checkbox"/> spindle fibers attach to centromere of chromatids |
| | G0 | | <input type="checkbox"/> chromosomes condense into rod-like structures |
| | | | <input type="checkbox"/> chromatids are pulled apart by spindle fibers |
| | S | | <input type="checkbox"/> spindle fibers start to appear |
| G2 | | <input type="checkbox"/> formation of cell plate in plant cells | |
| Mitosis | Prophase | | <input type="checkbox"/> spindle fibers disappear |
| | | | <input type="checkbox"/> DNA replicated |
| | | | <input type="checkbox"/> formation of 2 daughter cells |
| | | | <input type="checkbox"/> resting period |
| | Metaphase | | <input type="checkbox"/> centrioles move toward opposite ends of cell |
| | | | <input type="checkbox"/> nuclear membrane reappears |
| | Anaphase | | <input type="checkbox"/> organelles are doubled |
| | Telophase | | <input type="checkbox"/> protein synthesis |
| | | | <input type="checkbox"/> chromosomes start to lose rod-like shape |
| | | | <input type="checkbox"/> nuclear membrane disappears |
| | | | <input type="checkbox"/> cell membrane pinches in to divide cytoplasm |
| | Cytokinesis | | <input type="checkbox"/> cell metabolism (uses macromolecules) |
| | | <input type="checkbox"/> formation of 2 nuclei | |
| | | <input type="checkbox"/> restriction point commits to complete cycle | |