Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Mitosis & Meiosis Comparison**

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Why do cells divide differently? Some cells in our bodies are formed through mitosis; others are formed through meiosis. Compare and contrast these types of cell division by filling in the chart below.

|  |  |  |
| --- | --- | --- |
| **Event** | **Mitosis** | **Meiosis** |
| Why is this type of cell division important to the organism? |  |  |
| Type of reproduction (sexual or asexual) |  |  |
| Type of cells that undergo this process |  |  |
| Number of divisions in the nucleus |  |  |
| Number and name of phases |  |  |
| Number of resulting daughter cells produced |  |  |
| Resulting chromosome count (How many chromosomes are in each daughter cells?) |  |  |
| Are the daughter cells similar or different from the parent? |  |  |