**NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Asexual vs. Sexual Reproduction**

1. What are the types of asexual reproduction? Provide examples of cells/organisms that would undergo each type of asexual reproduction.
2. What types of organisms reproduce sexually?

**Pro’s and Con’s**

**for**

**Asexual and Sexual Reproduction**

|  |  |  |
| --- | --- | --- |
|  | **Asexual Reproduction** | **Sexual Reproduction** |
| **Ideal/ Good**  **Environment** |  |  |
| **Non-ideal/ Bad Environment** |  |  |

Mitosis and Meiosis

The Cell Cycle – Stages and Description

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Interphase | Prophase | Metaphase | Anaphase | Telophase | Cytokinesis |
| Diagram |  |  |  |  |  |  |
| Description |  |  |  |  |  |  |

Comparing Stages and Chromosome Number

Mitosis Meiosis

Overall Comparison of Mitosis and Meiosis

|  |  |  |
| --- | --- | --- |
|  | Mitosis | Meiosis |
| Type of Cell |  |  |
| Number of Chromosomes  in Parent Cell |  |  |
| Number of Cell Division |  |  |
| Number of Cells Produced |  |  |
| Number of Chromosomes in Daughter Cell |  |  |