**Science 9 – Mitosis vs Meiosis Class Assignment –**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ January 14, 2020**

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|  | Mitosis | Meiosis |
| 1. Type or reproduction:   Asexual OR Sexual (2 pts) |  |  |
| 1. Cell type which undergoes process: Somatic cells OR reproductive/sex cells (2 pts) |  |  |
| 1. Number of daughter cells produced:   2 OR 4 (2 pts) |  |  |
| 1. Type of daughter cells produced: diploid OR haploid (2 pts) |  |  |
| 1. Chromosomes in daughter cells:   Chromosomes remains the same as parent cell **OR** Chromosomes reduced in half of parent cell (2 pts) |  |  |
| 1. Number of divisions   1 **OR** 2 (2 pts) |  |  |
| 1. Chromosome number of daughter cells produced in humans: 46 **OR** 23   (2 pts) |  |  |
| 1. Similarity between original **OR** mother cell of each process. (2 pts) |  |  |
| 1. Differences between daughter cells produced by each process (how many cells are produced and what type of cell is produced). (4 pts) |  |  |