**Bell Ringer**: Mitosis vs Meiosis

*AP Biology*

Complete the table below to compare the processes of mitosis and meiosis.

|  | **Mitosis** | **Meiosis** |
| --- | --- | --- |
| **D**ivisions:  how many? |  |  |
| **I**ndependent Assortment: does it happen? |  |  |
| **S**ynapsis: does it occur? |  |  |
| **C**rossing-over:  does it occur? |  |  |
| **O**utcome:  what is the result? |  |  |
| **P**loidy  (chromosome number) |  |  |
| **U**se:  what’s the purpose? |  |  |
| **G**enetic Content of new cells? |  |  |

To remember all the differences, just remember **DISCO PUG.**

