

# Sexual vs Asexual

Choose Sexual, Asexual or Both for each characteristic

| Characteristic                                                                                               | Sexual/Asexual/Both |
|--------------------------------------------------------------------------------------------------------------|---------------------|
| Results in low genetic variation of the species                                                              |                     |
| Results from the Sperm <i>and</i> the Egg combining                                                          |                     |
| Passes genetic information from one generation to the next                                                   |                     |
| All the members of a population are genetically very similar and less able to survive environmental changes. |                     |
| Budding, Binary Fission, Parthenogenesis, Fragmentation                                                      |                     |
| The offspring receive half their genetics from <i>each</i> Parent                                            |                     |
| Produces Diverse offspring                                                                                   |                     |
| One organism can continue the population of their species without a mate                                     |                     |
| Creates more of the species                                                                                  |                     |
| Can reproduce without a male                                                                                 |                     |
| Allows for more genetic variation in the offspring                                                           |                     |
| Requires a male <i>and</i> female to fertilize the egg                                                       |                     |