Asexual vs. Sexual Reproduction

Asexual Reproduction:

\_\_\_\_\_\_ parent producing an offspring \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_

Offspring can live \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Cell Division in unicellular organisms:

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_:

* Form of asexual reproduction in prokaryotic (\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_) organisms
* Parent organism \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Eukaryotic organisms reproduce through \_\_\_\_\_\_\_\_\_\_\_\_\_.

Budding:

* Organism develops tiny \_\_\_\_\_\_\_\_\_\_ on its body
* Buds form from the \_\_\_\_\_\_\_\_\_\_ cell so the bud is \_\_\_\_\_\_\_\_\_\_\_ to the parent
* Both unicellular and multicellular organisms

Regeneration:

* Specialized cells grow new tissue when a wound or \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ occurs
* Examples: \_\_\_\_\_\_\_\_\_\_\_\_, lizard tails, planarian

Asexual Reproduction and Health:

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ reproduces at very rapid rates
* Reason you get sick within a day: 2 cells become 4, then 8, then 16, then 32..

Sexual Reproduction:

* Two parents: \_\_\_\_\_\_\_\_\_\_\_\_ (female) and \_\_\_\_\_\_\_\_\_\_\_ (male)
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: when egg and sperm unite
* Plants growing from seeds and animals growing from eggs
* Creates \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of life on Earth; offspring is \_\_\_\_\_\_\_\_\_\_\_.

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| Asexual Reproduction | Sexual Reproduction |
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Asexual Reproduction:

* \_\_\_\_\_\_\_\_ parent
* \_\_\_\_\_\_\_\_\_ to parent
* More likely to get \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Examples:

Sexual Reproduction:

* \_\_\_\_\_\_\_\_\_\_\_\_\_ parents; \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_ offspring (not \_\_\_\_\_\_\_\_\_\_\_\_ to parents)
* \_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (egg and sperm unite)
* More resistant to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.