TYPES OF ASEXUAL REPRODUCTION

# Label the following diagrams of types of asexual reproduction as binary fission, budding sporulation, regeneration, parthenogenesis or vegetative propagation.

# Give two examples of organisms that use each method of reproduction.

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| **Binary Fission**: Parent splits into 2 organisms and parent cell disappears.    Example: amoeba, paramecium | **Budding**: Small parts of parent split off but parent does NOT disappear.  Example: yeast – reproduces very quickly |
| **Sporulation**: (spore formation) parent releases  spores – one parent, no fertilization  Example: bread mold, mosses, ferns | seastarRegeneration: Pieces of parent split off and grow into new organism. Example: starfish, earthworm, salamander (tail only) |
| **Parthenogenesis:** Unfertilized cell grows into an  organism.  Example: daphnia, liverwort | **Vegetative Propagation**: cuttings/underground  Stems  Example: coleus, pachysandra, poison ivy |