Diagram 1: Vegetative Propagation

Some plant sends out stems that have buds that grow into new spider plants.

 

Diagram 2: Regeneration

A whole new starfish can grow from a single arm that was cut off of a starfish.

 

Diagram 3: Budding

Yeast are single-celled organisms that produce offspring from a bulge that forms and breaks away from the parent.

 

Diagram 4: Binary Fission

An *Amoeba* is a single-celled eukaryotic organism that reproduces by splitting in half to become two new cells.



Diagram 5: Sporulation

A cell made by some plants or fungus that is like a seed and can produce a new plant or fungus.

 

Diagram 6: Regeneration

A *Planarian* is a tiny flatworm that lives in ponds. If a *Planarian* is cut into pieces, each piece will grow into a new *Planarian*.

 

Diagram 7: Binary Fission

A bacterium is a single-celled prokaryotic organism that reproduces by splitting in half to become two new cells.

 