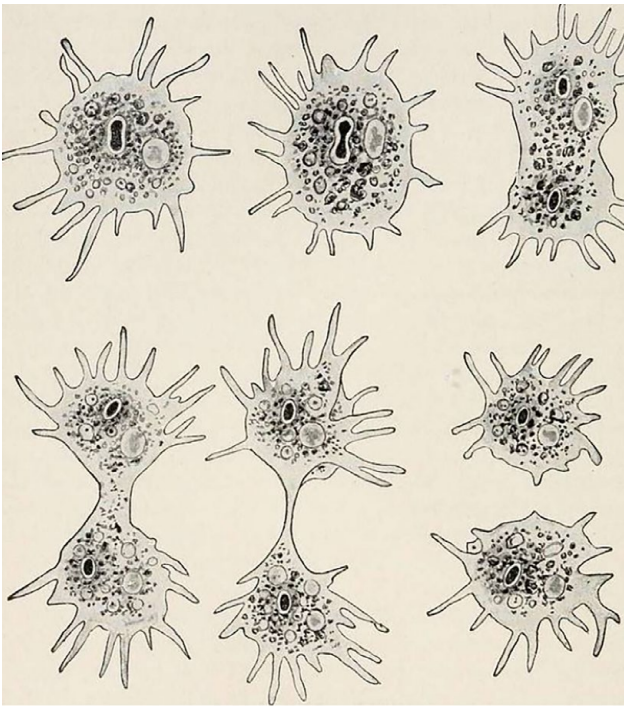
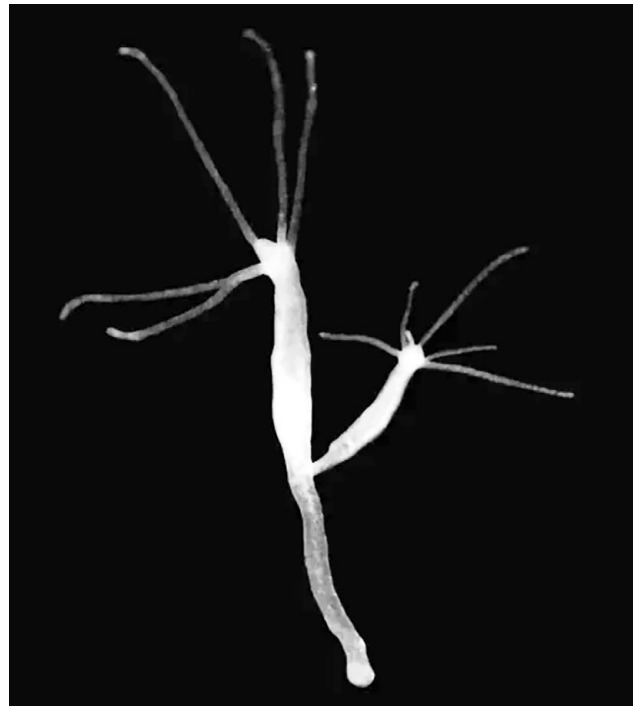




Binary fission



Budding



Fragmentation



Regeneration

Budding

Budding is a form of asexual reproduction in which a new organism grows out of the body of the parent organism.

Examples: yeast, hydra

Binary fission

Binary fission is a form of asexual reproduction in which a single organism divides into two identical daughter cells.

Examples: bacteria (e.g., *E. coli*), amoeba

Regeneration

Regeneration is a form of asexual reproduction in which an organism regrows a part of its body that has been lost or damaged.

Example: Lizard regrows a missing tail.

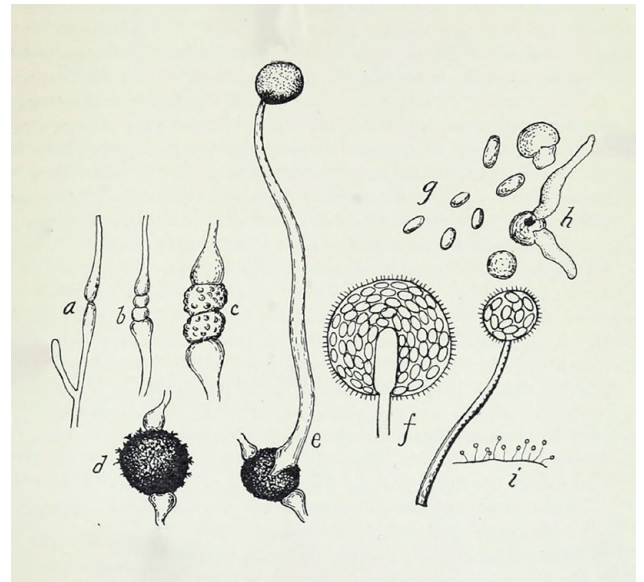
Fragmentation

Fragmentation is a form of asexual reproduction in which an organism breaks into pieces, each of which can grow into a new organism.

Examples: starfish, planaria



Vegetative propagation



Spore formation



Parthenogenesis

Spore formation

Spore formation is a form of asexual reproduction in which organisms produce spores that develop into new individuals.

Examples: fungi, algae

Vegetative propagation

Vegetative propagation is a form of asexual reproduction in plants in which new plants grow from parts of the parent plant.

Examples: potatoes, strawberries

Parthenogenesis

Parthenogenesis is a natural form of asexual reproduction in which growth and development of an embryo occur directly from an egg, without need for fertilization.

Examples: aphids, bees