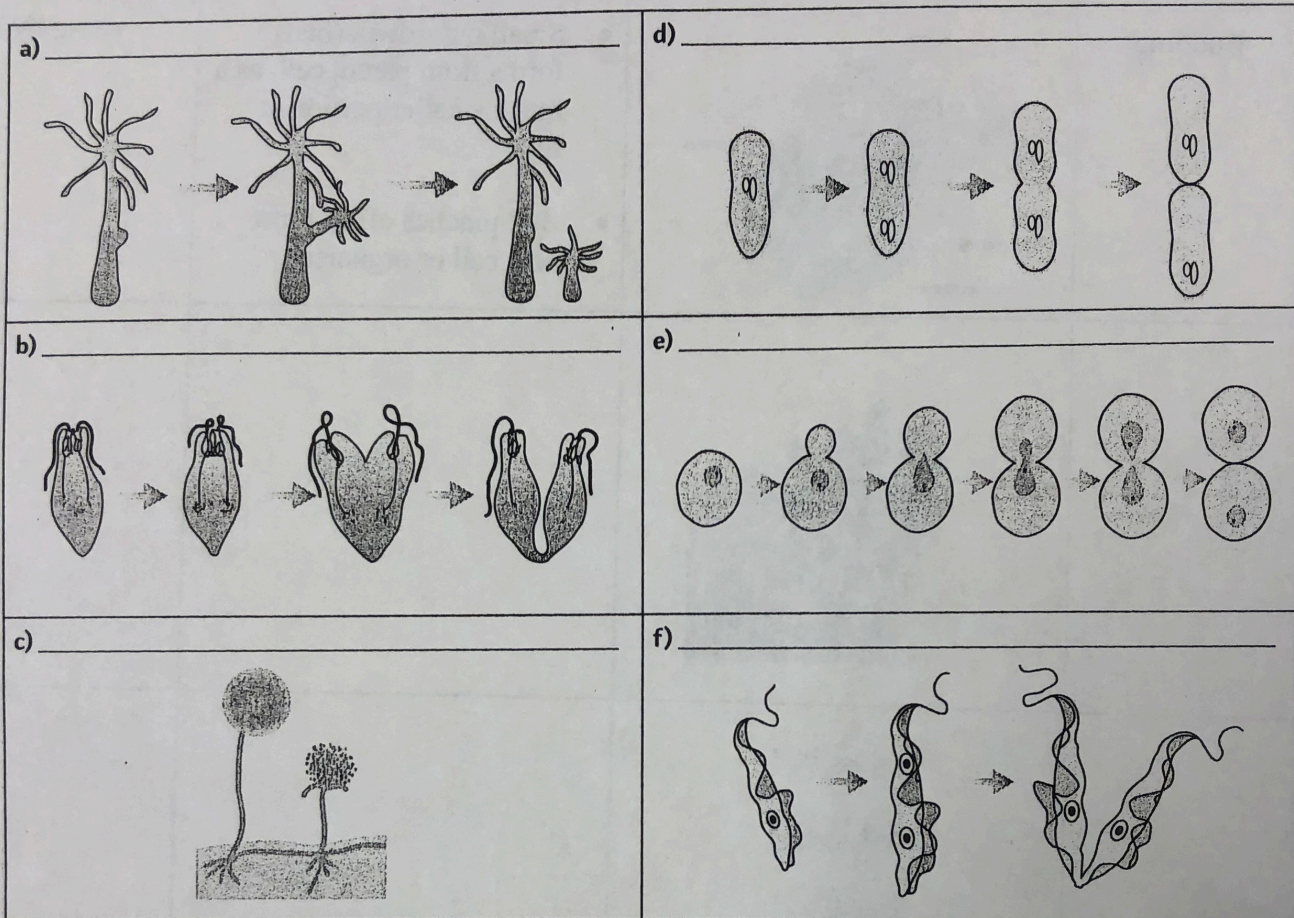


## Binary Fission, Budding, and Spore Formation

Use with textbook pages 22-30.

1. Identify the type of asexual reproduction shown in each diagram.



2. Identify the type of asexual reproduction described in each scenario.

- The aquatic cell of *Planctomycetes* forms a bud, which eventually becomes a new cell that swims. \_\_\_\_\_
- A unicellular green algae, *Micrasterias furcata*, divides into two equal halves forming two new cells. \_\_\_\_\_
- An amoeba grows to a certain size and then its nucleus and cytoplasm divide. This results in two amoebas. \_\_\_\_\_
- Amanita muscaria* releases spores from under its iconic red cap with white warts, producing more of these poisonous B.C. toadstools.  
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