

Viruses, Bacteria, Protists, and Fungi ▪ 9.4 Review and Reinforce**Fungi****Understanding Main Ideas**

Figures 1 and 2 show two possible life cycles of fungi. Use these figures to answer questions 1–5. Write the answers on a separate sheet of paper.

Figure 1

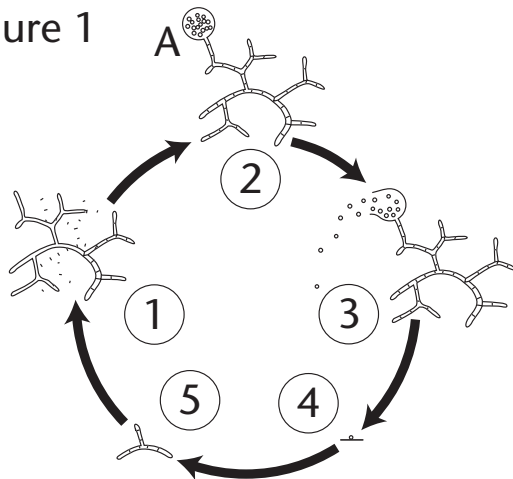
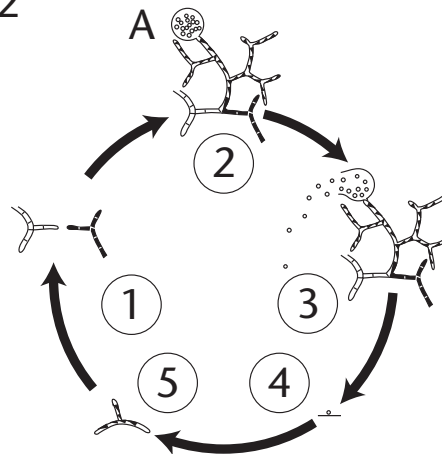


Figure 2



1. What is structure A in Figure 1 called?
2. Step 5 in Figure 1 shows a new fungus. Is it identical to its parent?
3. Step 5 in Figure 2 also shows a new fungus. Is it identical to its parents?
4. What kind of reproduction does Figure 1 show?
5. What kind of reproduction does Figure 2 show? How can you tell?

Answer the following questions on a separate sheet of paper.

6. Does a fungus get its food the same way you do? Explain.
7. Describe what would happen if fungi did not exist.

Building Vocabulary

Fill in the space to complete each sentence.

8. A(n) _____ consists of the mutualistic relationship of a fungus and either algae or autotrophic bacteria.
9. A(n) _____ is one of the branching, threadlike tubes that make up the bodies of multicellular fungi.
10. _____ is a form of asexual reproduction in yeast that does not require the production of spores.
11. A(n) _____ is a structure that produces the spores of a fungus.
12. _____ are eukaryotes that have cell walls and are heterotrophs.