

Genetics

Name:

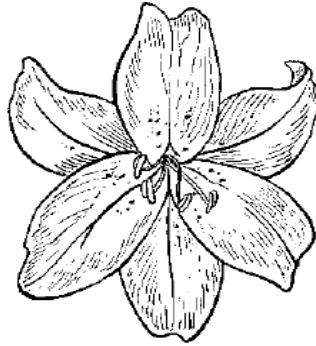
Asexual Reproduction Benchmark Review

Period:

Use your brain to answer the following questions, then check your work using Chapter 13, Section 2, and Chapter 14, p.442.

- _____ 1. Which of the following is NOT a structure that plants use to reproduce asexually?
a. a runner b. a tuber c. a flower d. a plantlet

Use the image below to answer the next question.



- _____ 2. What is the purpose of the structure shown above?
a. reproduction b. water absorption c. food storage d. gas exchange

3 . What happens during the pollination and fertilization of flowering plants?

4. What three things do seeds need in order to sprout?

#1—

#2—

#3—

5. How do fruits and seeds form from flowers?

6. What is the difference between sexual and asexual reproduction in plants?

7. Imagine that someone discovers a new flowering plant. The plant has yellow flowers and underground stems. How could this plant reproduce asexually?

8. Describe what happens during two different types of asexual reproduction in animals:

budding—

fragmentation—