

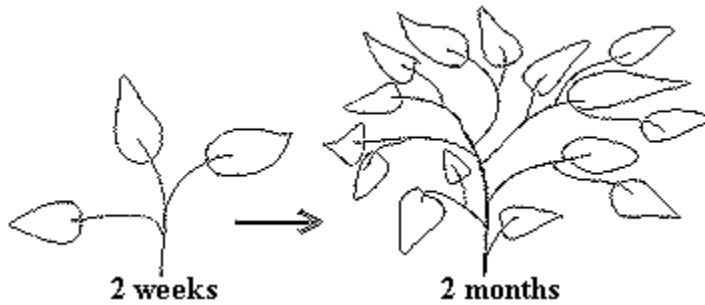
Student Name: _____

Class: _____

Date: _____

Instructions: **Read each question carefully and circle the correct answer.**

1. How has this plant changed over time?



- A. It grew flowers.
- B. The stem got thinner and the roots got shorter.
- C. It became shorter and lost leaves.
- D. It became taller and grew more leaves.

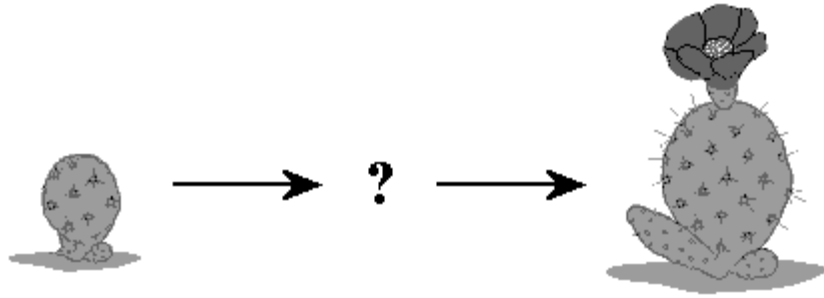
2. Solve this riddle.

I come in many shapes and sizes.
I am the first stage in a life cycle.
A plant will grow from me.

What am I?

- A. a petal
- B. a seed
- C. a stem
- D. a root

3. Which picture fills in the missing step?



A.



B.



C.



D.

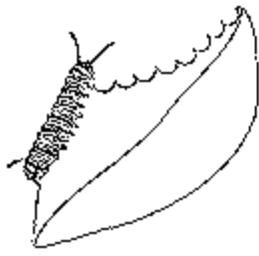


4. Fill in the blank.

When an animal grows, it _____.

- A. gets smaller and may change color
- B. will not change
- C. gets larger and may change color
- D. will lay eggs

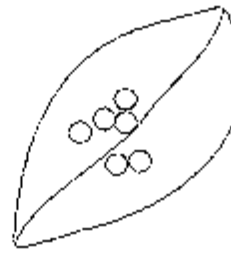
5. Put these stages of butterfly development in the correct order.



1



2



3



4

- A. 3 - 2 - 1 - 4
- B. 3 - 2 - 4 - 1
- C. 3 - 4 - 2 - 1
- D. 3 - 1 - 4 - 2

6. Fill in the blank.

When a frog is first hatched, it is called a _____.

- A. tadpole
- B. larva
- C. pupa
- D. fish

7. What changes when a tadpole becomes an adult frog?

- A. eyes and ears form
- B. lungs and legs form
- C. fins and scales grow larger
- D. eggs hatch and larvae come out

8. Which of these animals does NOT lay eggs to reproduce?



A



B



C



D

- A. A
- B. B
- C. C
- D. D

9. Which is true?



- A. The boat is living and the star is NOT living.
- B. The boat and the star are both NOT living.
- C. The boat and the star are both living.
- D. The star is living and the boat is NOT living.

10. Which picture shows a living object?



A



B



C



D

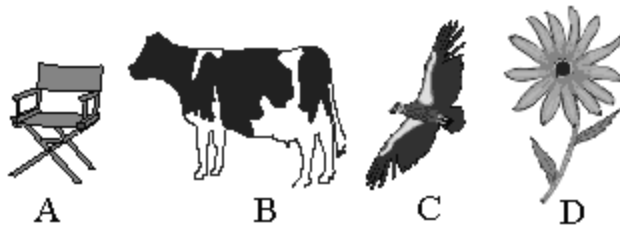
- A. A
- B. B
- C. C
- D. D

11. Which object is non-living?



- A. A
- B. B
- C. C
- D. D

12. Which object is non-living?



- A. A
- B. B
- C. C
- D. D

13. Paper cups, cans, cigarette filters, and plastic bags scattered along the ground are examples of what kind of pollution?

- A. air pollution
- B. litter
- C. recycling
- D. water pollution

14. How can toxic chemicals in the soil harm you?

- A. They change the weather.
- B. They are absorbed by food grown in the soil.
- C. They purify groundwater in the soil.
- D. They cause more air pollution.

15. Fill in the blank.

Substances that are poisonous, react dangerously with other substances, or burn easily are known as _____.

- A. smog
- B. litter
- C. wastewater
- D. hazardous waste

16. Fill in the blank.

During a rainstorm, chemicals from air pollution in the atmosphere may come back to the earth as _____.

- A. wastewater
- B. gasoline
- C. acid rain
- D. red rain

17. Which of the following is a trait that you get from your parents without having to learn it?

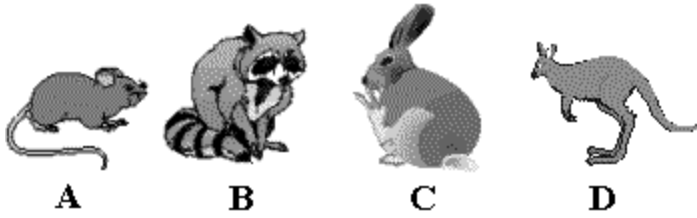
- A. riding a bicycle
- B. swimming
- C. brushing your hair
- D. eye color

18. Fill in the blank.

How tall you are is an example of _____.

- A. an inherited trait
- B. camouflage
- C. a learned behavior
- D. mimicry

19. Which of these animals could be the baby of a rabbit?



- A. A
- B. B
- C. C
- D. D

20. Which of the following is a trait a plant gets from its parent?

- A. its flower color
- B. the amount of light it gets
- C. where it is growing
- D. what animals use it for food

21. Solve this riddle.

I help hold up the plant.
I carry water and nutrients from the roots to the leaves.
I carry food from the leaves to the roots.

What am I?

- A. seed
- B. stem
- C. flower
- D. sunlight

22. Solve this riddle.

I am the part of the plant that holds it in place.
I collect water and nutrients.
I am usually underground.

What am I?

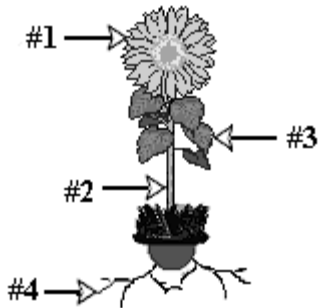
- A. flower
- B. leaf
- C. stem
- D. root

23. Which parts of a plant are you eating when you eat peas?



- A. the stems
- B. the fruits
- C. the roots
- D. the seeds

24. Name the part of the plant labeled #4.



- A. flower
- B. leaf
- C. stem
- D. root

25. Why is wind valuable to plants?
- A. It helps photosynthesis.
 - B. It helps disperse seeds.
 - C. It brings rain.
 - D. It provides more sunlight.
26. The conditions in an environment are not right for seeds to sprout. Therefore, over time, what would most likely happen?
- A. Animals would migrate to another place to feed.
 - B. Water would become scarce.
 - C. There would be more wind and less sun.
 - D. The soil would become dry.
27. Which of the following do animals NOT get from plants?
- A. sunlight
 - B. shelter
 - C. food
 - D. oxygen
28. Ben has a garden in his backyard. He planted tomato seeds there last month and has watered them every other day. Why might his tomato seeds not be sprouting?
- A. The seeds need fertilizer.
 - B. It is still too cold.
 - C. The seeds cannot get enough light.
 - D. The air is polluted where Ben lives.
29. Fill in the blank.
- The most important thing plants do for all animals is _____.
- A. prevent waves from washing away cliffs
 - B. provide food for birds
 - C. protect the oceans from pollution
 - D. provide much of the oxygen in the air

30. What do these objects have in common?

paper
cardboard
cotton shirt
oak table
firewood

- A. They are the same shape.
- B. They are objects made from plants.
- C. They are objects made from animals.
- D. They are objects used for cooking.

31. Which is NOT a way that animals use plants?

- A. for food
- B. for sunlight
- C. for shelter
- D. for oxygen

32. What part of a plant would make the best rope?

- A. leaf
- B. flower
- C. stem
- D. seed