



Name : \_\_\_\_\_

Lesson 2: Plants traits.

Date : \_\_\_\_\_

**Choose the correct option**

1) Features that make an organism unique are called \_\_\_\_\_.



1. offspring
2. special
3. traits
4. freckles

2) The passing on of traits from parents to young is \_\_\_\_\_.

1. characteristic
2. heredity
3. offspring
4. germination

3) A flower's red petals are an example of a(n) \_\_\_\_\_ trait.

1. inherited
2. parent
3. internal
4. external

4) A tomato seed will grow into a \_\_\_\_\_.

1. bean plant
2. tomato plant
3. sunflower plant
4. corn plant

5) When a seed grows into a plant it most likely will \_\_\_\_\_.

1. look nothing like its parent
2. look similar to its parent
3. look similar to a rose
4. look nothing like a rose

**6)** Fill in the blanks using the available answer choices.

Inherited traits come from \_\_\_\_\_.

1. one parent
2. both parents

**7)** What is one way that pine trees might be different from each other?

1. They don't look like their parents.
2. Some have a different life cycle.
3. They don't have the same number of pine needles.

**8)** Marisol wants to show that plants need sunlight in order to grow. She plants one plant in a terrarium with soil. Then she puts the terrarium in a sunny room.

Marisol makes a second terrarium for the next part of her experiment.

What should she do differently with the second terrarium?

1. She should use another kind of soil.
2. She should put it in a dark room.
3. She should place it under a bright light.

**9.** Which of these explains a variation in an inherited trait?

1. A plant parent with a white flower produces an offspring plant with a yellow flower.
2. A parent bush has thorns and the offspring bush has thorns.
3. A plant has wilted leaves when it receives less water.
4. A plant has greener leaves when it is fertilized.

**10.** What are three inherited traits of the plant in the picture?

1. type of root, flower color, leaf shape
2. stem height, depth of soil, flower shape
3. leaf shape, flower color, amount of rainfall
4. amount of sunshine, leaf shape, type of root



**11.** A peach tree has an offspring. Which trait is a variation of an inherited trait from the parent tree?

1. height
2. leaf shape
3. type of fruit
4. color of flower