

Plant Traits- Review

1) Features that make an organism unique are called _____.



- ☐ A) offspring
- ☐ B) special
- ☐ C) traits
- ☐ D) freckles

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

- ☐ A) characteristic
- ☐ B) heredity
- ☐ C) offspring
- ☐ D) germination

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

4) A tomato seed will grow into a _____.

- ☐ A) bean plant
- ☐ B) tomato plant
- ☐ C) sunflower plant
- ☐ D) corn plant

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

- ☐ A) look nothing like its parent
- ☐ B) look similar to its parent
- ☐ C) look similar to a rose
- ☐ D) look nothing like a rose

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

Inherited traits come from _____ .
(Blank 1)

Blank 1 options

- one parent
- both parents

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

- ☐ A) They don't look like their parents.
- ☐ B) Some have a different life cycle.
- ☐ C) They don't have the same number of pine needles.

Passage 1

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?

- ☐ A) She should put it in a dark room.
- ☐ B) She should use another kind of soil.
- ☐ C) She should place it under a bright light.

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

- ☐ A) A plant parent with a white flower produces an offspring plant with a yellow flower.
- ☐ B) A parent bush has thorns and the offspring bush has thorns.
- ☐ C) A plant has wilted leaves when it receives less water.
- ☐ D) A plant has greener leaves when it is fertilized.

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



- ☐ **A)** type of root, flower color, leaf shape
- ☐ **B)** stem height, depth of soil, flower shape
- ☐ **C)** leaf shape, flower color, amount of rainfall
- ☐ **D)** 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?

- ☐ **A)** height
- ☐ **B)** leaf shape
- ☐ **C)** type of fruit
- ☐ **D)** color of flower