Inherited Traits and Variation

Grade 3 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. Two kittens have the same mother. One has long fur and one has short fur. What is this called?

   variation a learned behavior an injury

2. Which trait does a tomato plant get from its parent plants?

   a branch broken by wind a stake that holds it up the shape of its leaves

3. A puppy has a bandage on a hurt paw. Is the hurt paw an inherited trait?

   no, it happened after birth

   yes, its parents had hurt paws

   yes, all puppies have it

4. Which trait did a kitten inherit from its parents?

   its name a scratch on its nose its eye color

5. Which is a learned behavior for a dog?

   having brown fur sitting when asked having floppy ears

6. A duckling has webbed feet like its parents. How did it get webbed feet?

   it got them from eating pond plants

   it inherited them from its parents

   it learned to grow them by swimming

7. Which trait of a sunflower comes from its parent plants?

   a leaf with a hole chewed in it

   a stem bent by a strong wind

   the yellow color of its petals

8. Four puppies from the same parents have black, brown, white and spotted fur. What does this show?

- the puppies have different parents
- fur color is learned
- young from the same parents can look different

9. A girl can ride a bike. How did she get this skill?

- she inherited it from her parents
- she was born knowing how
- she learned it by practicing

10. Bean seeds from one bean plant grow into new plants. What will their leaves most likely look like?

- shaped like the parent plant's leaves
- shaped like oak leaves
- a new shape on every plant

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Answer Key - Grade 3 Science Worksheet - Building Confidence

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