Inherited Traits and Variation

Grade 3 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. 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

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

   she learned it by practicing

   she inherited it from her parents

   she was born knowing how

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

   shaped like oak leaves

   a new shape on every plant

   shaped like the parent plant's leaves

4. Which trait of a horse is inherited?

   knowing how to jump a fence

   a shoe nailed to its hoof

   the color of its coat

5. A parrot can say 'hello.' Is this inherited or learned?

   inherited, because its parents say hello

   learned, because someone taught it

   inherited, because parrots are born talking

6. Why does a calf look like a cow and not like a horse?

- it learned to look like a cow
- it ate the same grass as cows
- it inherited traits from cow parents

7. 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

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

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

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

- yes, its parents had hurt paws
- no, it happened after birth
- yes, all puppies have it

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

its name its eye color a scratch on its nose

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Answer Key - Grade 3 Science Worksheet - Building Confidence

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