Inherited Traits and Variation

Grade 3 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. Which trait of a horse is inherited?

   the color of its coat

   a shoe nailed to its hoof

   knowing how to jump a fence

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

   inherited, because parrots are born talking

   learned, because someone taught it

   inherited, because its parents say hello

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

   it learned to look like a cow

   it inherited traits from cow parents

   it ate the same grass as cows

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

   variation an injury a learned behavior

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

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

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

   yes, all puppies have it

   no, it happened after birth

   yes, its parents had hurt paws

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

   its name a scratch on its nose its eye color

8. Which is a learned behavior for a dog?

having brown fur sitting when asked having floppy ears

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

it learned to grow them by swimming

it got them from eating pond plants

it inherited them from its parents

10. 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

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Answer Key - Grade 3 Science Worksheet - Building Confidence

Circle the answer.

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