Environment and Traits

Grade 3 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. Two puppies from the same litter grow to different sizes. One gets more food and less exercise. What caused the size difference?

   the order they were born

   the color of their fur

   the food and exercise each got

2. Tadpoles in warm water grow into frogs faster than the same kind of tadpoles in cool water. What caused the difference?

   the water temperature

   the kind of frog they came from

   the color of the pond plants

3. A lawn that gets regular rain looks thicker than the same kind of grass in a dry patch. What caused the difference?

   the kind of grass the age of the grass the rain each patch got

4. Two bean plants grow from the same kind of seed in the same size pots. One gets more sunlight and grows taller. What caused the height difference?

   the amount of sunlight the kind of seed the size of the pots

5. A plant watered every day stays firm. The same kind of plant with no water wilts. What caused the difference?

   the age of the plant the kind of plant the amount of water

6. The same kind of hydrangea grows blue flowers in one soil and pink flowers in another soil. What changed the flower color?

   the plant's parents the plant's age the soil

7. An arctic fox grows white fur in winter and brown fur in summer. What causes the color change?

   the changing seasons a new fox each season the fox's age

8. The same kind of tree grows straight in a calm forest but short and bent on a windy coast. What caused the difference?

the strong wind on the coast

the trees' parents

the age of the trees

9. A child's skin gets darker after playing outside all summer. What caused the change?

growing one year older time in the sunlight a trait from a grandparent

10. Flamingos get their pink color from the shrimp and algae they eat. A flamingo eats food with no pink color in it. What happens to its feathers?

they stay just as pink they turn blue they become paler

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Answer Key - Grade 3 Science Worksheet - Building Confidence

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