Environment and Traits

Grade 3 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. 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

2. 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 rain each patch got the age of the grass

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

4. 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 amount of water the kind of plant

5. 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 age the soil the plant's parents

6. 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

7. The same kind of tree grows straight in a calm forest but short and bent on a windy coast. What caused the difference?
   the age of the trees
   the strong wind on the coast
   the trees' parents

8. A child's skin gets darker after playing outside all summer. What caused the change?
   time in the sunlight a trait from a grandparent growing one year older

9. 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

10. A plant kept in a dark closet grows pale yellow leaves. The same kind of plant in a sunny room stays green. What caused the difference?
    the kind of pot the shape of its leaves the amount of light

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