Environment and Traits

Grade 3 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. 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 kind of seed the amount of sunlight

2. 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

3. 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 soil the plant's age

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

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

5. 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

6. 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

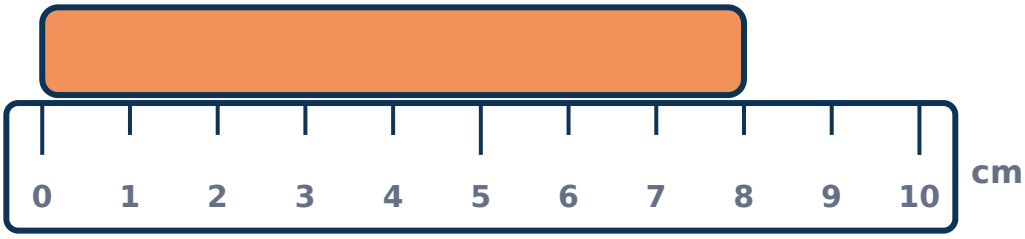
7. Flamingos get their pink color from the shrimp and algae they eat. A flamingo eats food with no pink color in it. What happens to its feathers?

   they become paler they stay just as pink they turn blue

8. 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 shape of its leaves the kind of pot the amount of light

9. This radish grew in full sun. About how many centimeters across is it?



6 10 8

10. A sunflower on a windowsill bends toward the window each day. What in its environment causes this?

water in the soil warm air from a heater sunlight from the window

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Answer Key - Grade 3 Science Worksheet - Building Confidence

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