Environment and Traits

Grade 3 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

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

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

2. 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 plant's parents the soil

3. 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

4. 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 age of the trees

   the trees' parents

5. 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

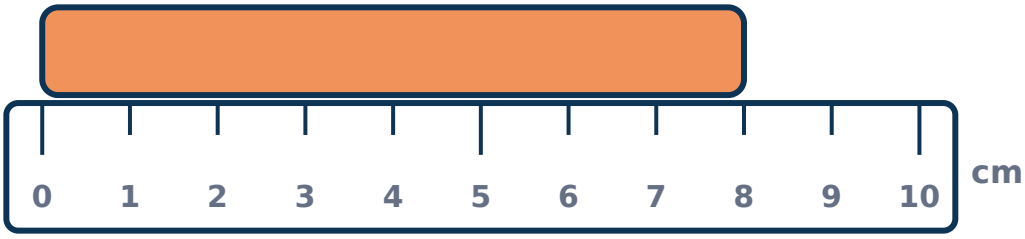
6. Flamingos get their pink color from the shrimp and algae they eat. A flamingo eats food with no pink color in it. What happens to its feathers?

   they turn blue they stay just as pink they become paler

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

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



8 6 10

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

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

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

the food and exercise each got

the color of their fur

the order they were born

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Answer Key - Grade 3 Science Worksheet - Building Confidence

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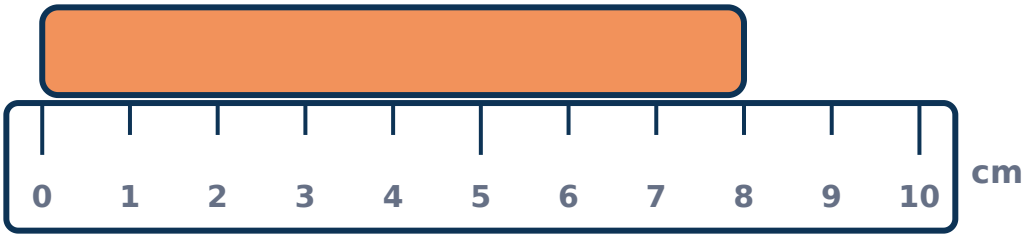
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