Environment and Traits

Grade 3 Science Worksheet - Building Confidence

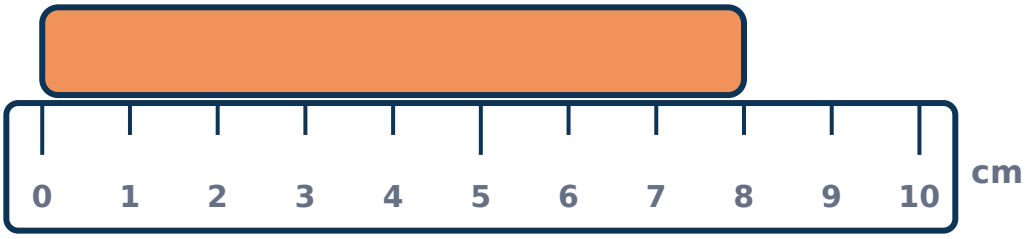
Name _____ Date _____

Circle the answer.

1. 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 shape of its leaves the kind of pot

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



   6 8 10

3. 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

4. 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

5. 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

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

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

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

8. 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

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

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

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

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

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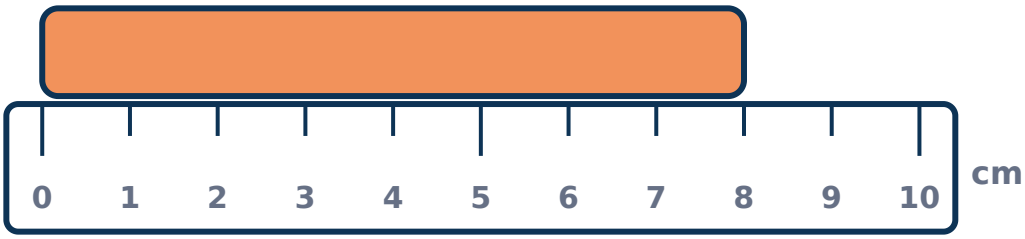
Answer Key - Grade 3 Science Worksheet - Building Confidence

Circle the answer.

1. 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 (circled) the shape of its leaves the kind of pot

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



   6 8 (circled) 10

3. 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 (circled)

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

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