Plan Fair Tests

Grade 5 Science Worksheet - Building Confidence

Name _____ Date _____

Read each part of the test. Circle what it is.

1. Test: Which material keeps ice from melting the longest? What is "how long the ice lasts" in this test?
   the one thing you change what you measure what you keep the same

2. Test: Does the color of a cup change how fast water warms in the sun? What is "the water temperature" in this test?
   the one thing you change what you measure what you keep the same

3. Test: Does the number of batteries change how bright a bulb is? What is "the number of batteries" in this test?
   the one thing you change what you measure what you keep the same

4. Test: Which paper airplane design flies farthest? What is "the way it is thrown" in this test?
   the one thing you change what you measure what you keep the same

5. Test: Which fertilizer helps bean plants grow tallest? What is "the height of the plant" in this test?
   the one thing you change what you measure what you keep the same

6. Test: Which fertilizer helps bean plants grow tallest? What is "the amount of sunlight" in this test?
   the one thing you change what you measure what you keep the same

7. Test: Which brand of popcorn pops the most kernels? What is "the brand of popcorn" in this test?
   the one thing you change what you measure what you keep the same

8. Test: Does the height of a ramp change how far a toy car rolls? What is "how far the car rolls" in this test?
   the one thing you change what you measure what you keep the same

9. Test: Does the number of batteries change how bright a bulb is? What is "the brightness of the bulb" in this test?
   the one thing you change what you measure what you keep the same

10. Test: Which soil holds the most water? What is "how much water drains out" in this test?
    the one thing you change what you measure what you keep the same

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Plan Fair Tests

Answer Key - Grade 5 Science Worksheet - Building Confidence

Read each part of the test. Circle what it is.

1. Test: Which material keeps ice from melting the longest? What is "how long the ice lasts" in this test?
   the one thing you change (what you measure) what you keep the same

2. Test: Does the color of a cup change how fast water warms in the sun? What is "the water temperature" in this test?
   the one thing you change (what you measure) what you keep the same

3. Test: Does the number of batteries change how bright a bulb is? What is "the number of batteries" in this test?
   (the one thing you change) what you measure what you keep the same

4. Test: Which paper airplane design flies farthest? What is "the way it is thrown" in this test?
   the one thing you change what you measure (what you keep the same)

5. Test: Which fertilizer helps bean plants grow tallest? What is "the height of the plant" in this test?
   the one thing you change (what you measure) what you keep the same

6. Test: Which fertilizer helps bean plants grow tallest? What is "the amount of sunlight" in this test?
   the one thing you change what you measure (what you keep the same)

7. Test: Which brand of popcorn pops the most kernels? What is "the brand of popcorn" in this test?
   (the one thing you change) what you measure what you keep the same

8. Test: Does the height of a ramp change how far a toy car rolls? What is "how far the car rolls" in this test?
   the one thing you change (what you measure) what you keep the same

9. Test: Does the number of batteries change how bright a bulb is? What is "the brightness of the bulb" in this test?
   the one thing you change (what you measure) what you keep the same

10. Test: Which soil holds the most water? What is "how much water drains out" in this test?
    the one thing you change (what you measure) what you keep the same