Plan Fair Tests

Grade 5 Science Worksheet - Building Confidence

Name _____ Date _____

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

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

2. Test: Does water temperature change how fast sugar dissolves? What is "the time the sugar takes to dissolve" in this test?
   the one thing you change what you measure what you keep the same

3. Test: Does the size of a parachute change how fast it falls? What is "the time to fall" in this test?
   the one thing you change what you measure what you keep the same

4. Test: Does the length of a pendulum change its swing time? What is "the weight at the end" in this test?
   the one thing you change what you measure what you keep the same

5. Test: Which material keeps ice from melting the longest? What is "the material wrapped around the ice" in this test?
   the one thing you change what you measure what you keep the same

6. Test: Which paper towel soaks up the most water? What is "the brand of paper towel" in this test?
   the one thing you change what you measure what you keep the same

7. Test: Which paper towel soaks up the most water? What is "how much water the towel soaks up" in this test?
   the one thing you change what you measure what you keep the same

8. Test: Does the size of a parachute change how fast it falls? What is "the weight attached" in this test?
   the one thing you change what you measure what you keep the same

9. Test: Which surface slows a rolling ball the most? What is "the slope" in this test?
   the one thing you change what you measure what you keep the same

10. Test: Does water temperature change how fast sugar dissolves? What is "the amount of water" in this test?
    the one thing you change what you measure what you keep the same

Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Plan Fair Tests

Answer Key - Grade 5 Science Worksheet - Building Confidence

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

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

2. Test: Does water temperature change how fast sugar dissolves? What is "the time the sugar takes to dissolve" in this test?
   the one thing you change **what you measure** what you keep the same

3. Test: Does the size of a parachute change how fast it falls? What is "the time to fall" in this test?
   the one thing you change **what you measure** what you keep the same

4. Test: Does the length of a pendulum change its swing time? What is "the weight at the end" in this test?
   the one thing you change what you measure **what you keep the same**

5. Test: Which material keeps ice from melting the longest? What is "the material wrapped around the ice" in this test?
   the one thing you change what you measure what you keep the same

6. Test: Which paper towel soaks up the most water? What is "the brand of paper towel" in this test?
   the one thing you change what you measure what you keep the same

7. Test: Which paper towel soaks up the most water? What is "how much water the towel soaks up" in this test?
   the one thing you change **what you measure** what you keep the same

8. Test: Does the size of a parachute change how fast it falls? What is "the weight attached" in this test?
   the one thing you change what you measure **what you keep the same**

9. Test: Which surface slows a rolling ball the most? What is "the slope" in this test?
   the one thing you change what you measure **what you keep the same**

10. Test: Does water temperature change how fast sugar dissolves? What is "the amount of water" in this test?
    the one thing you change what you measure **what you keep the same**