Plan Fair Tests

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Read the investigation. Write the answer on the line.

READ THIS FIRST

A parachute test

Omar made three parachutes from the same plastic bag. Only the size of the top was different. He dropped each one from the same window with the same washer tied on, and timed the fall.

Small top: 3 seconds
Medium top: 5 seconds
Large top: 8 seconds

1. What was changed from one trial to the next?

_____

2. What was measured in each trial?

_____

3. Which parachute stayed in the air the longest?

_____

4. Which parachute fell the fastest?

_____

5. What was the result for the medium parachute? Write the number.

_____

6. Name one thing that stayed the same in every trial.

_____

7. Which parachute gave the second-biggest result?

_____

8. Add the results for the small parachute and the large parachute. Write the number.

_____

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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A parachute test

Omar made three parachutes from the same plastic bag. Only the size of the top was different. He dropped each one from the same window with the same washer tied on, and timed the fall.

Small top: 3 seconds
Medium top: 5 seconds
Large top: 8 seconds

1. What was changed from one trial to the next?

size of the parachute

2. What was measured in each trial?

time

3. Which parachute stayed in the air the longest?

large

4. Which parachute fell the fastest?

small

5. What was the result for the medium parachute? Write the number.

5

6. Name one thing that stayed the same in every trial.

washer

7. Which parachute gave the second-biggest result?

medium

8. Add the results for the small parachute and the large parachute. Write the number.

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