Plan Fair Tests

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Read the investigation. Write the answer on the line.

READ THIS FIRST

A paper bridge test

A team built three bridges from one sheet of paper each, using different folds. Each bridge crossed the same gap between two desks. The team added washers one at a time until the bridge fell.

Flat bridge: 7 washers
Folded bridge: 16 washers
Tube bridge: 23 washers

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

_____

2. What was measured in each trial?

_____

3. Which bridge held the most weight?

_____

4. Which bridge held the least weight?

_____

5. What was the result for the folded bridge? Write the number.

_____

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

_____

7. Which bridge gave the second-biggest result?

_____

8. Add the results for the flat bridge and the tube bridge. Write the number.

_____

Scan to get this marked free. No screen time for your child.
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Answer Key - Grade 4 Science Worksheet - Building Confidence

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

fold

2. What was measured in each trial?

washers

3. Which bridge held the most weight?

tube

4. Which bridge held the least weight?

flat

5. What was the result for the folded bridge? Write the number.

16

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

paper

7. Which bridge gave the second-biggest result?

folded

8. Add the results for the flat bridge and the tube bridge. Write the number.

30