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 plane test

Maya made three paper planes with different wing sizes. She threw each plane once from the same spot and measured how far it flew.

Small wings: 4 m
Medium wings: 9 m
Large wings: 6 m

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

_____

2. What was measured in each trial?

_____

3. Which plane flew the farthest?

_____

4. Which plane flew the shortest distance?

_____

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

_____

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

_____

7. Which plane gave the second-biggest result?

_____

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

_____

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Answer Key - Grade 4 Science Worksheet - Building Confidence

Read the investigation. Write the answer on the line.

READ THIS FIRST

A paper plane test

Maya made three paper planes with different wing sizes. She threw each plane once from the same spot and measured how far it flew.

Small wings: 4 m
Medium wings: 9 m
Large wings: 6 m

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

wing size

2. What was measured in each trial?

distance

3. Which plane flew the farthest?

medium

4. Which plane flew the shortest distance?

small

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

9

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

paper

7. Which plane gave the second-biggest result?

large

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

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