Plan Fair Tests

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Read the investigation. Write the answer on the line.

READ THIS FIRST

A toy car floor test

Nora rolled the same toy car down the same ramp onto three different floors. She let go of the car without a push and measured how far it rolled after the ramp.

Wood floor: 180 cm
Carpet floor: 60 cm
Tile floor: 240 cm

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

_____

2. What was measured in each trial?

_____

3. Which floor let the car roll the farthest?

_____

4. Which floor let the car roll the shortest distance?

_____

5. What was the result for the carpet floor? Write the number.

_____

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

_____

7. Which floor gave the second-biggest result?

_____

8. Add the results for the wood floor and the tile floor. 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 toy car floor test

Nora rolled the same toy car down the same ramp onto three different floors. She let go of the car without a push and measured how far it rolled after the ramp.

Wood floor: 180 cm
Carpet floor: 60 cm
Tile floor: 240 cm

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

floor

2. What was measured in each trial?

distance

3. Which floor let the car roll the farthest?

tile

4. Which floor let the car roll the shortest distance?

carpet

5. What was the result for the carpet floor? Write the number.

60

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

car

7. Which floor gave the second-biggest result?

wood

8. Add the results for the wood floor and the tile floor. Write the number.

420