Plan Fair Tests

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Read the investigation. Write the answer on the line.

READ THIS FIRST

A warm water test

Priya poured the same amount of hot water into three cups made of different materials. She put a lid on each cup. The water started at 60 degrees. She measured the water temperature 10 minutes later.

Foam cup: 54 degrees
Plastic cup: 49 degrees
Metal cup: 41 degrees

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

_____

2. What was measured in each trial?

_____

3. Which cup kept the water warmest?

_____

4. Which cup kept the water coolest?

_____

5. What was the result for the plastic cup? Write the number.

_____

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

_____

7. Which cup gave the second-biggest result?

_____

8. How many degrees did the water cool in the foam cup? Write the number.

_____

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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2. What was measured in each trial?

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5. What was the result for the plastic cup? Write the number.

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

amount of water

7. Which cup gave the second-biggest result?

plastic

8. How many degrees did the water cool in the foam cup? Write the number.

6