

## Lab Report: The Making of a Rainbow

### BEFORE THE EXPERIMENT:

1 State your hypothesis.

*A hypothesis is a statement predicting what you think will happen as a result of the experiment.*

During this experiment I think...

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2 List the materials that you are using to conduct your experiment.

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### AFTER THE EXPERIMENT:

3 Draw a picture of what happened during your experiment.

4 Explain what happened.

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5 A rainbow is always made up of the same seven colors. Which of the following colors is **not** part of a rainbow?

a. Red

b. Magenta

c. Indigo

### TAKE THE CURIOSITY CHALLENGE:

Rainbows occur naturally all around us. Try finding rainbows in other areas, such as the base of a waterfall or in the mist of a sprinkler.

6 How many rainbows did you find?

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7 Where did you find them?

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