

# Review: Problem Solving

Name \_\_\_\_\_

Date \_\_\_\_\_

## Your Turn

Answer the following questions.

1. Sort out the problem-solving process by putting the steps in order.

Brainstorming and evaluating ideas \_\_\_\_\_

Planning and applying the solution \_\_\_\_\_

Evaluating and improving the solution \_\_\_\_\_

Examining and analyzing the problem \_\_\_\_\_

2. . What are the 5 W's and H questions? \_\_\_\_\_

3. Label the columns of the following chart so you could use it to evaluate ideas:

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4. Draw lines to match the steps of the inquiry process with the steps of the scientific method.

1. Questioning

Share your results.

2. Planning

Devise an experiment.

3. Researching

Ask a question or identify a problem.

4. Creating

Form a hypothesis.

5. Improving

Conduct the experiment.

6. Presenting

Study the results.

## Reflect:

What do problem solving, inquiry, and the scientific method have in common?

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