

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 2

Planning and applying the solution 3

Evaluating and improving the solution 4

Examining and analyzing the problem 1

2. . What are the 5 W's and H questions? Who? What? Where? When? Why? How?

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

Solutions	Evaluation	Improvements

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?
