

License Plate

Joe Blo has an unusual license plate on his car.

- It has 5 digits on it and all the digits are different.
- When he turns the license plate upside down, the new number he gets is 7920 more than the original number.

What is his license plate number?

Provide The following in your solution:

I. Problem Statement

Write a concise restatement of the problem. Clarify what you need to solve.

II. Plan

Tell what you did to prepare to solve the problem. How did the problem seem to you when you first read it? Consider what you are asked to find, what you know, what you need to know, and what strategies you can use. Is this problem like any others you have done? Before you begin to work on the problem, make a guess at the answer.

III. Work

Explain in detail what you did to solve the problem. Use tables and graphs where appropriate. Tell what worked, what didn't work, and what you did when you got stuck. Did you get help from anyone? What kind of help?

IV. Answer

State your answer(s) to the problem. Does the answer make sense? Could there be other correct answers? Compare your final answer with your original guess. What did you learn from this problem that could help you solve other problems?