Problem of the Week
Problem A
What Number Am I?

I am a five-digit number made of the digits 0, 3, 4, 6, and 9. In my number, the following are true.

- The digit **4** is in a position whose place value is 10 times the place value of the position of the digit **9** and 100 times the place value of the position of the digit **0**.

- The digit **3** is in a position whose place value is 100 times the place value of the position of the digit **9**.

- The digit **0** is in a position whose place value is 10 times the place value of the position of the digit **6**.

What number am I?