

**SOML MEET 3**  
**EVENT 4**  
**Team Problem**

**NAME:** \_\_\_\_\_  
**NAME:** \_\_\_\_\_  
**NAME:** \_\_\_\_\_  
**NAME:** \_\_\_\_\_  
**TEAM:** \_\_\_\_\_  
**SCHOOL:** \_\_\_\_\_

1. [15 Points] Lynn was asked to guess a four-digit number whose digits are all different numbers from 1 to 9. For each guess, the number of correct digits and the number of correct digits that were also in the correct place-values were identified. Lynn made the following four incorrect guesses. The fifth guess was correct. What was the fifth guess?

|    | Guess | Correct digits | Correct Places |
|----|-------|----------------|----------------|
| #1 | 3148  | 1              | 1              |
| #2 | 7251  | 1              | 1              |
| #3 | 6935  | 2              | 1              |
| #4 | 7489  | 2              | 1              |
| #5 | ???   | 4              | 4              |

**ANS:** \_\_\_\_\_

