"Mom, look at that license plate," Will said.

"What about it?" his mother asked. It didn't seem unusual to her. The plate consisted of two sets of three digits, with the state logo between the sets.

Will said, "All six digits are different. And when you multiply the first three digits, you get the same product as when you multiply the last three digits."

"So you do," his mother said. "How many plates like that do you suppose there are?"

"Well, that's the cool part," Will replied. "The number of plates like that is equal to the product of the first three digits."

What license plate might Will have seen?