Rule of succession: Troubleshooting

03

My new license plate

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On September 18 2000, the new car registration system came into force, introducing plates with four-digits and three consonants, with the exception of the letters Ñ and Q.

How many different license plates can be created with this system?



**1**

I bought a new car and the office told me it would be registered tomorrow.



**2**

What is the probability of my license plate having a perfect four-digit square?



What is the probability of a four-digit number having a perfect square?



**3**

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