## Problem 3.《A numerical rebus»

Buratino keeps his Golden Key in the safe that is locked with a numerical password. For secure storage of the password he replaced some digits in the password by letters (in a way that different letters substitute different digits). After replacement Buratino got the password NSUCRYPTO17.

Alice the Fox found out that:

- the number NSUCRYPTO is divisible by all integers $n$, where $n<17$, and
- the difference NSU - CRY is divisible by 7.

Could she find the password?
Remark. Here we denote $\overline{A B C \ldots}$ by ABC....


