

QUESTION FOR TEACHERS

Question No.	:	3
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Detect a 9 digit number in which the digit from 1 to 9 appears once only.

Also this number must satisfy the following requirements:

-) The number should be divisible by 9.
-) If the most right digit is removed the number formed with the remaining digits should be divisible by 8.
-) Again when the most right digit is removed the number formed with the remaining digits should be divisible by 7.
-) And to continue till the last remaining of one digit number should be divisible by 1.

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Answer:

The number is 381654729

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