Multiples of 7   P11875_en

Given n different digits between 1 and 9, find all the multiples of 7 that can be formed with the n digits.

Input

Input consists of a number $1 \leq n \leq 9$, followed by n different digits between 1 and 9.

Output

Print all the multiples of 7 that can be formed with the n digits. If there is none, print a hyphen.

Information about the checker

You can print the solutions to this exercise in any order.

Sample input 1

```
4
3 5 2 8
```

Sample output 1

```
3528
2583
2835
8253
```

Sample input 2

```
3
2 5 7
```

Sample output 2

```
-
```

Problem information

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