

Pensieve header: <http://projecteuler.net/problem=4>.

```
select[
  Reverse[Union@@Table[i * j, {i, 100, 999}, {j, i, 999}]],
  IntegerDigits[#] == Reverse[IntegerDigits[#]] &, 1
]
{906 609}

FactorInteger[906 609]
{{3, 1}, {11, 1}, {83, 1}, {331, 1}}
{331 * 3, 11 * 83}
{993, 913}
```