Triple pandigital

[Award] **6 pts**

[Category] **Programming**

Consider a 10-digit [pandigital number](https://en.wikipedia.org/wiki/Pandigital_number) *n* in base 10. If we take first and last half of *n*, two 5-digit numbers *x* and *y* are got. Specially, square of *x* and square of *y* are also both 10-digit pandigital.

Find all pandigital numbers *n* satisfying above properties. Note: leading zero is not allowed in any numbers.

Answer format: [count],[sum]

(Sample input: 1,1023456789)

[Answer] **8,50516605161**