

#### Problem Solving Challenge 4

Holy digits Batman! The Riddler is planning his next caper somewhere on Pennsylvania Avenue. In his usual sporting fashion, he has left the address in the form of a puzzle. The address on Pennsylvania Avenue is a four-digit number where:

- All four digits are different
- The digit in the thousands place is three times the digit in the tens place
- The number is odd
- The sum of the digits is 27.