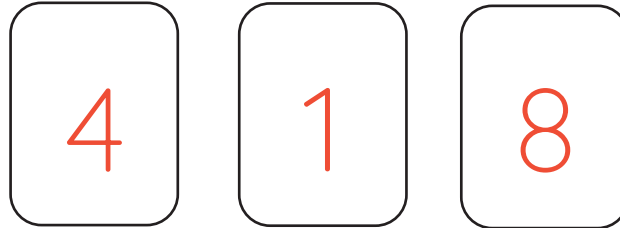# Place Value Riddles

Can you discover the secret numbers using your place value skills? Use the numbers 1-9 from a deck of cards, where the Ace is number 1, to solve this riddle.

1. What is the secret three-digit number?

The hundreds digit is half the ones digit.
The sum of the tens digit and the ones digit is nine.
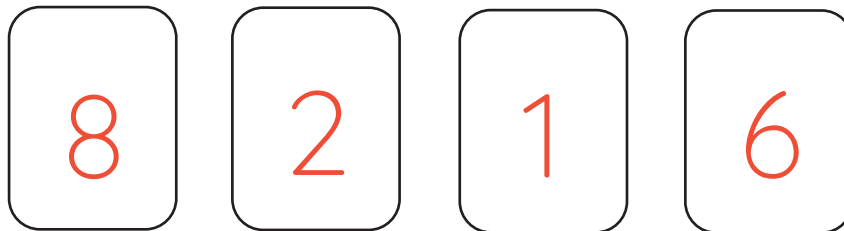The product of the hundreds digit and tens digit is four.

4	1	8

2. What is the secret four-digit number?

The ones digit is six times the tens digit.
The hundreds digit is twice the tens digit.
The thousands digit is four times the hundreds digit.
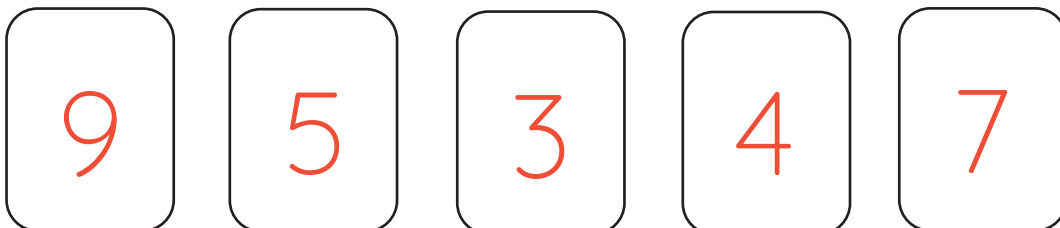The sum of all four digits is 17.

8	2	1	6

3. What is the secret five-digit number?

The ten thousands digit is three times the hundreds digit.
The sum of the hundreds digit and the tens digit is the ones digit.
The thousands digit is a factor of five.
The sum of all five digits is 28.

9	5	3	4	7

Challenge: What is the sum of all the secret numbers? _____ 103,981