Four-digit Targets

You have two sets of the digits from 0 to 9 .

0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9

The idea is to arrange these digits in the five boxes to make four-digit numbers as close to the target number as possible.
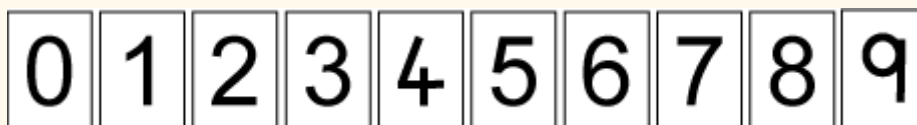You may use each digit once only.

	largest odd number

	largest even number

	largest multiple of 3

	smallest multiple of 5

	number closest to 5000

The Thousands Game

Class 3 were playing a game. There were ten cards with the digits 0 to 9 on them.

0 1 2 3 4 5 6 7 8 9

These cards were put into a bag and players took out four cards and made a number out of them.
At first they made the highest number they could. Sinita took out

3 8 2 5 and made 8 5 3 2

Then they made the lowest number they could. Jamie took out

5 0 4 7 and made 0 4 5 7

"You can't put zero at the beginning of a number," objected Paul. The class discussed this and decided that Jamie had made four hundred and fifty-seven.

Next they played to make the highest even number. Jill took out

7 8 6 3

and Vincent took out

4 2 9 1

Who won?

Then they played to make the highest odd number. Belinda took out

4 0 6 9

and Ali took out

5 2 1 7

Who won?

Next they played to make the lowest even number. Rohan took out

8 1 5 4

and Ben took out

7 0 3 9

Who won?

The last game they played was to make the closest number to 5000 . Alice took out

7 8 4 9

and Chloe took out

1 0 3 5

Who won?