Reverse of a number

Below are the steps for reversing the digits of a number. These steps are to be repeated until the digits are reversed completely. For example, given a number, var num = 43875. We need to have two additional variables: var r and var sum = 0. We initialize them as follows:

```
var num = 43875;
var r;
var sum = 0;


The steps to be repeated are:
r = num % 10;
sum = sum * 10 + r;
num = parseInt(num / 10);
```

Determine the values of r, sum and num in each step in the table below:

1st Iteration	r	sum	num
r = num % 10;	5	0	43875
sum = sum * 10 + r;	5	5	43875
num = parseInt(num / 10);	5	5	4387
2nd Iteration			
r = num % 10;	7	5	4387
sum = sum * 10 + r;	7	57	4387
num = parseInt(num / 10);	7	57	438
3rd Iteration			
r = num % 10;	8	57	438
sum = sum * 10 + r;	8	578	438

num = parseInt(num / 10);	8	578	43
	r	sum	n
4th Iteration			
r = num % 10;	3	578	43
sum = sum * 10 + r;	3	5783	43
num = parseInt(num / 10);	3	5783	4
5th Iteration			
r = num % 10;	4	5783	4
sum = sum * 10 + r;	4	57834	4
num = parseInt(num / 10);	4	57834	0