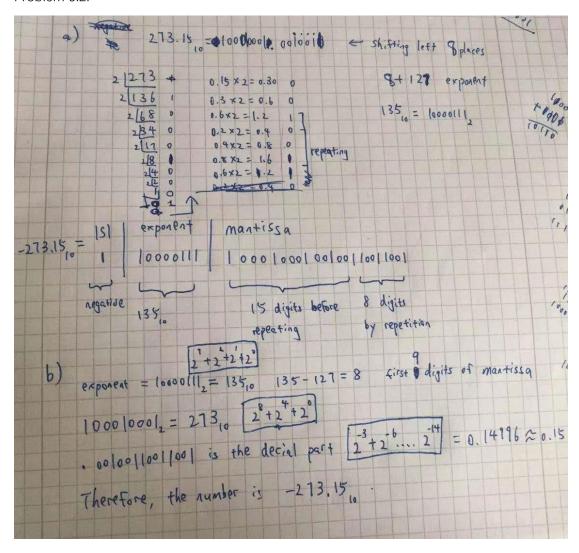
## Problem 5.1:

a) 1,0 = 00015	81. = 1000	
b-complement: b=5,	1=4	-110 = 44445
4444	4444 - 00 13 443 1 443 1	-8=44325
b) 4444 + 4432 14431	4444 4431 0013 1	00145 = 95

Problem 5.2:



```
Problem 5.3:

a)

remainder :: Int -> Int -> Int

remainder a b = a `mod` b

divide :: Int -> Int -> Int

divide a b = a `div` b

toBase :: Int -> Int -> [Int]

toBase b n

| divide n b /= 0 = (toBase b (divide n b)) ++ [remainder n b]

| divide n b == 0 = (n:[])

b)
```

| (null n) == True = 0

```
readBin ::s String -> Int
readBin n = readBase 2 n

readOct :: String -> Int
readOct n = readBase 8 n

readHex:: String -> Int
readHex n = readBase 16 n
```