Junior Division – Digit Reassembly

PROBLEM: Given a number less than 10^{50}, answer various questions about the number.

INPUT: There will 5 lines of input. Each will contain a positive integer less than 10^{50}.

OUTPUT: For each line of input, answer the corresponding question below:
1. For Input Line #1, how many digits are in the number?
2. For Input Line #2, what is the sum of all of the digits in the number?
3. For Input Line #3, what is the sum of the digits at the odd locations (the leftmost digit is Location #1)?
4. For Input Line #4, how many times does the digit 4 appear?
5. For Input Line #5, what is the middle digit? (If the length of the number, N, is even, find the N/2 number (again, the leftmost digit is the 1st one).

SAMPLE INPUT (http://www.datafiles.acsl.org/2019/contest1/jr-sample-input.txt):
```
1325678945
987654
456160
143295823976154
123456
```

SAMPLE OUTPUT:
1. 10
2. 39
3. 16
4. 2
5. 3