Add and Subtract each digit of an integer of infinite size

$$a = 1234$$

 $1-2+3-4$

Num digits =
$$4 \text{ Work} = 8 \text{ Ans} = -2$$

- 1. Cannot use string
- 2. Must show (1-2+3-4)
- 3. Must show how work work done
- 4. Complexity of algorithm