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| **2018-2019** | **AMERICAN COMPUTER SCIENCE LEAGUE**  **Intermediate Division - Digit Reassembly** | **Contest #1** |

**TEST DATA**

TEST INPUT

834127903876541 3

2424424442442420 1

1234567890987654 12

349216 6

1123581324559008 2

TEST OUTPUT

1. 6947

2. 48

3. 1728383676380

4. 349216

5. 546