<https://docs.google.com/spreadsheets/d/1qBZBLYVEQ0oqwXo3lO5iWRrpJSZyHO6uLg7p9tWIPSc/edit?usp=sharing> test cases

<https://docs.google.com/spreadsheets/d/1dZQF7Sq4mjgbztMDKxiPevTuPe_1-EAGtIEuQNrTv-I/edit?usp=sharing> checklist