6323. Distribute Money to Maximum Children

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You are given an integer `money` denoting the amount of money (in dollars) that you have and another integer `children` denoting the number of children that you must distribute the money to.

You have to distribute the money according to the following rules:

- All money must be distributed.
- Everyone must receive at least `1` dollar.
- Nobody receives `4` dollars.

Return *the **maximum** number of children who may receive **exactly** `8` dollars if you distribute the money according to the aforementioned rules*. If there is no way to distribute the money, return `-1`.

User Accepted:	0
User Tried:	6
Total Accepted:	0
Total Submissions:	6
Difficulty:	Easy

Example 1:

```
Input: money = 20, children = 3
Output: 1
Explanation:
The maximum number of children with 8 dollars will be 1. One of the ways to distribute the money is:
- 8 dollars to the first child.
- 9 dollars to the second child.
- 3 dollars to the third child.
It can be proven that no distribution exists such that number of children getting 8 dollars is greater than 1.
```

Example 2:

```
Input: money = 16, children = 2
Output: 2
Explanation: Each child can be given 8 dollars.
```

Constraints:

- `1 <= money <= 200`
- `2 <= children <= 30`

JavaScript

```
const distMoney = (money, children) => {
    if (money < children) {
        return -1;
    } else {
        money -= children;
        let cnt = money / 7 >> 0, rest = money % 7;
        if (cnt == children && rest == 0) return children;
        if (cnt == children - 1 && rest == 3) return children - 2;
        return Math.min(children - 1, cnt);
    }
};
```

Custom Testcase | Use Example Testcases

Run | Submit

Submission Result: Accepted (/submissions/detail/917645106/) | More Details > (/submissions/detail/917645106/)

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