Given a function rand7 which generates a uniform random integer in the range 1 to 7, write a function rand10 which generates a uniform random integer in the range 1 to 10.

Do NOT use system's Math.random().

**Example 1:**

**Input:** 1

**Output:** [7]

**Example 2:**

**Input:** 2

**Output:** [8,4]

**Example 3:**

**Input:** 3

**Output:** [8,1,10]

**Note:**

1. rand7 is predefined.
2. Each testcase has one argument: n, the number of times that rand10 is called.

**Follow up:**

1. What is the [expected value](https://en.wikipedia.org/wiki/Expected_value) for the number of calls to rand7() function?
2. Could you minimize the number of calls to rand7()?