3Sum Closest

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50837   Total Submissions: **188371**   Difficulty: **Medium**

Given an array *S* of *n* integers, find three integers in *S* such that the sum is closest to a given number, target. Return the sum of the three integers. You may assume that each input would have exactly one solution.

```
For example, given array S = {-1 2 1 -4}, and target = 1.

The sum that is closest to the target is 2. (-1 + 2 + 1 = 2).
```

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```c
1   int threeSumClosest(int* nums, int numsSize, int target) {
2
3   }
```

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