#include <stdio.h>

void gradingStudents(int grades[], int n) {

for (int i = 0; i < n; i++) {

if (grades[i] >= 38) {

int nextMultipleOf5 = ((grades[i] / 5) + 1) \* 5;

if (nextMultipleOf5 - grades[i] < 3) {

grades[i] = nextMultipleOf5;

}

}

printf("%d\n", grades[i]);

}

}

int main() {

int n;

scanf("%d", &n);

int grades[n];

for (int i = 0; i < n; i++) {

scanf("%d", &grades[i]);

}

gradingStudents(grades, n);

return 0;

}