#include <stdio.h>

#include <string.h>

#define Min(a, b) ((a)<(b)?(a):(b))

#define Max(a, b) ((a)>(b)?(a):(b))

int f[100010];

int d[2][4][4][4][4];

int add(int a, int b, int c)

{

int d;

d = Min(a, Min(b, c));

if (a == 3)

a = d;

if (b == 3)

b = d;

if (c == 3)

c = d;

if (a != b && a != c && b != c)

return 3;

if (a == b && a != c || a == c && a != b || b == c && b != a)

return 2;

return 1;

}

int main()

{

char ch;

int n, sw, r, i, j, k, l;

scanf("%d", &n);

n += 4;

getchar();

for (i = 4; i < n; i++)

{

scanf("%c", &ch);

if (ch == 'B')

f[i] = 0;

if (ch == 'F')

f[i] = 1;

if (ch == 'M')

f[i] = 2;

}

sw = 0;

for (i = 0; i < 4; i++)

f[i] = 3;

memset(d, -1, sizeof(d));

d[sw][3][3][3][3] = 0;

for (r = 4; r < n; r++)

{

memset(d[1-sw], -1, sizeof(d[1-sw]));

for (i = 0; i < 4; i++)

for (j = 0; j < 4; j++)

for (k = 0; k < 4; k++)

for (l = 0; l < 4; l++)

if (d[sw][i][j][k][l] != -1)

{

d[1-sw][i][j][f[r]][k] = Max(d[1-sw][i][j][f[r]][k], d[sw][i][j][k][l]+add(k, l, f[r]));

d[1-sw][f[r]][i][k][l] = Max(d[1-sw][f[r]][i][k][l], d[sw][i][j][k][l]+add(i, j, f[r]));

}

sw = 1-sw;

}

r = -1;

for (i = 0; i < 4; i++)

for (j = 0; j < 4; j++)

for (k = 0; k < 4; k++)

for (l = 0; l < 4; l++)

r = Max(r, d[sw][i][j][k][l]);

printf("%d\n", r);

return 0;

}