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TASK:diamonds

LANG:C

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#include

int d[110][110][110];

int main()

{

int n, m, l, i, j, k, p, q, r;

scanf("%d%d%d", &l, &m, &n);

for (i = 1; i <= n; i++)

for (j = 1; j <= m; j++)

for (k = 1; k <= l; k++)

{

scanf("%d", d[i][j]+k);

d[i][j][k] += d[i][j][k-1]+d[i][j-1][k]+d[i-1][j][k]-d[i][j-1][k-1]-d[i-1][j][k-1]-d[i-1][j-1][k]+d[i-1][j-1][k-1];

}

while (scanf("%d%d%d%d%d%d", &k, &j, &i, &r, &q, &p) == 6)

printf("%d\n", d[p][q][r]-d[p][q][k]-d[p][j][r]-d[i][q][r]+d[i][j][r]+d[i][q][k]+d[p][j][k]-d[i][j][k]);

return 0;

}