(1)

Original image:

0.1	0.2	0.3	0.5	0.8
0.2	0.2	0.3	0.7	0.9
0.1	0.2	0.4	0.7	0.9
0.3	0.1	0.2	0.8	0.2
0.1	0.2	0.4	0.6	0.1

Integral image:

0.1	0.3	0.6	1.1	1.9
0.3	0.7	1.3	2.5	4.2
0.4	1.0	2.0	3.9	6.5
0.7	1.4	2.6	5.3	8.1
0.8	1.7	3.3	6.6	9.5

(2)

Sum=8.1+0.7-1.4-4.2=3.2