

For both projects, find out average project duration and average success rate using Excel and taking 1000 trials. The success is defined as finishing the project on or before deadline. Assume the deadlines are 32 days and 48 days for project-1 and project-2, respectively. For calculation of duration, (1) use triangular (a, b, m) distribution, (2) right triangular (a, b) distribution, and (3) left triangular (a, b) distribution.

Project 1 (deadline 32)

		a	m	b
A		5	6	8
B		1	3	4
C		2	4	5
D	A	4	5	6
E	A	7	8	10
F	A	8	9	13
G	D	5	9	19
H	D	3	4	5
I	B, G	4	8	10
J	B, G	5	6	8
K	C, E	9	10	15
L	C, E	4	6	8
M	F, H, I, K	3	4	5
N	J, L, M	0	0	0

Project 2 (deadline 48)

		a	m	b
A		1	3	4
B		5	7	8
C		6	7	9
D		1	2	3
E	A	3	4	5
F	A	7	8	9
G	B, E	10	15	20
H	B, E	12	13	14
I	C	10	12	15
J	C	8	10	12
K	F, I	7	8	11
L	F, I	2	4	8
M	D, K	5	6	7
N	H, J, L, M	0	0	0