

Init:

G

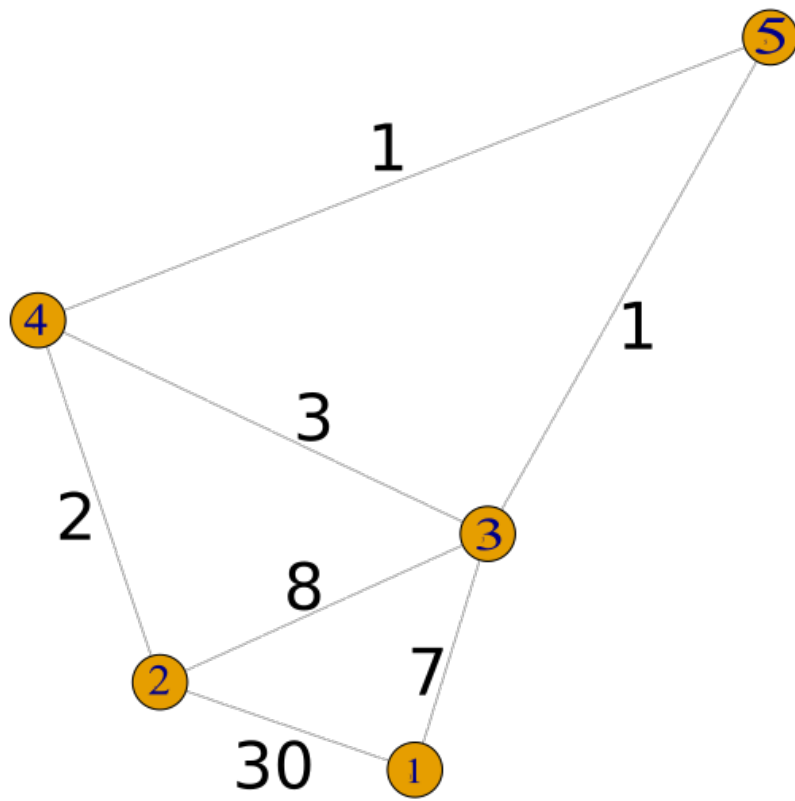
	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	0	30	7	0	0
[2,]	30	0	8	2	0
[3,]	7	8	0	3	1
[4,]	0	2	3	0	1
[5,]	0	0	1	1	0

[[1]]

	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	Inf	30	7	Inf	Inf
[2,]	30	Inf	8	2	Inf
[3,]	7	8	Inf	3	1
[4,]	Inf	2	3	Inf	1
[5,]	Inf	Inf	1	1	Inf

[[2]]

	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	0	0	0	0	0
[2,]	0	0	0	0	0
[3,]	0	0	0	0	0
[4,]	0	0	0	0	0
[5,]	0	0	0	0	0



$k==1$

G

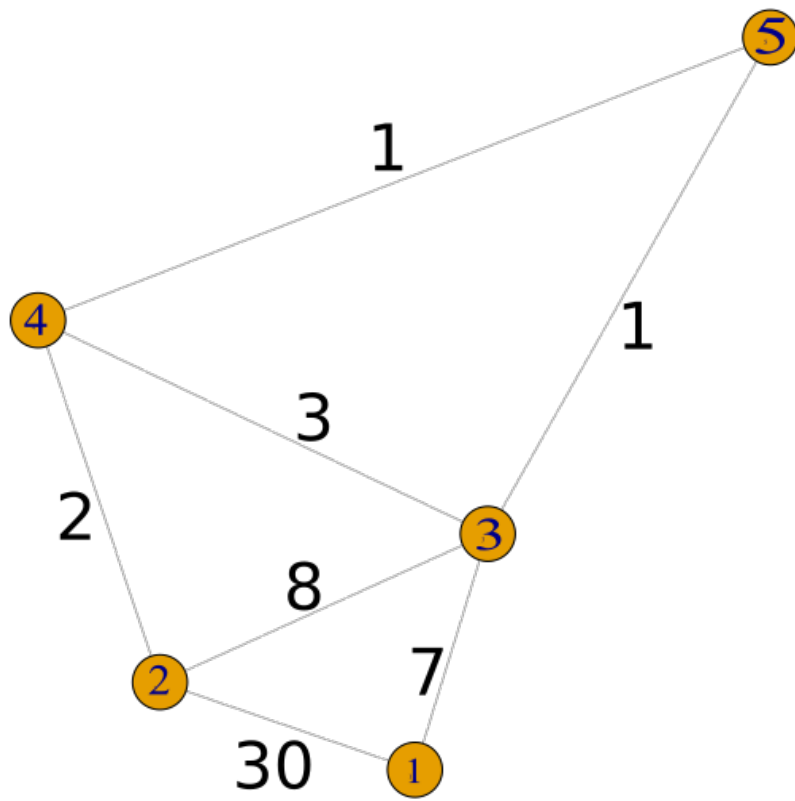
	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	0	30	7	0	0
[2,]	30	0	8	2	0
[3,]	7	8	0	3	1
[4,]	0	2	3	0	1
[5,]	0	0	1	1	0

[[1]]

	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	Inf	30	7	Inf	Inf
[2,]	30	60	8	2	Inf
[3,]	7	8	14	3	1
[4,]	Inf	2	3	Inf	1
[5,]	Inf	Inf	1	1	Inf

[[2]]

	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	0	0	0	0	0
[2,]	0	1	0	0	0
[3,]	0	0	1	0	0
[4,]	0	0	0	0	0
[5,]	0	0	0	0	0



$k=2$

G

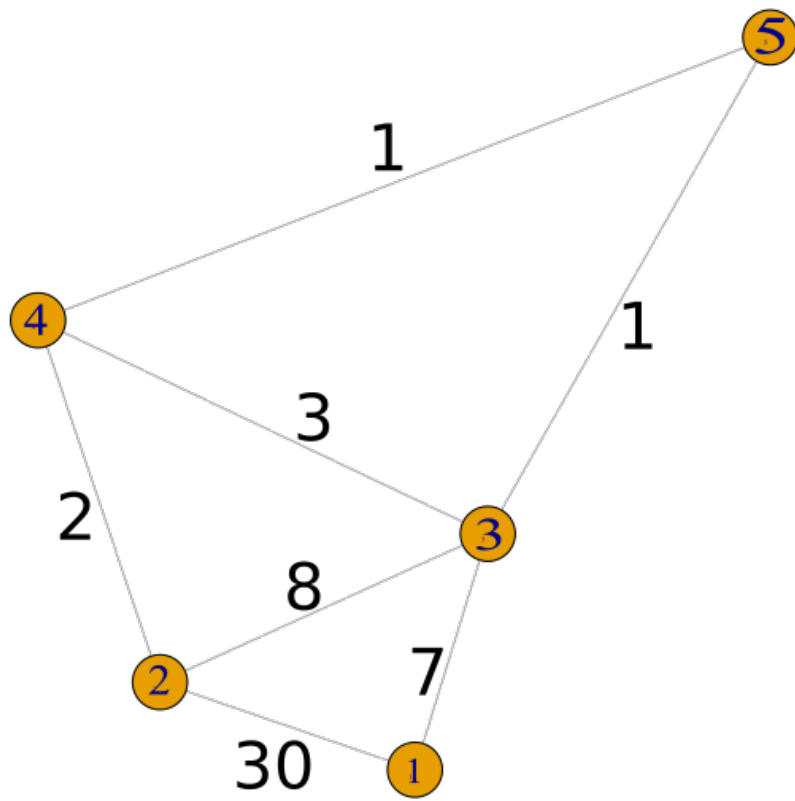
	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	0	30	7	0	0
[2,]	30	0	8	2	0
[3,]	7	8	0	3	1
[4,]	0	2	3	0	1
[5,]	0	0	1	1	0

[[1]]

	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	60	30	7	32	Inf
[2,]	30	60	8	2	Inf
[3,]	7	8	14	3	1
[4,]	32	2	3	4	1
[5,]	Inf	Inf	1	1	Inf

[[2]]

	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	2	0	0	2	0
[2,]	0	1	0	0	0
[3,]	0	0	1	0	0
[4,]	2	0	0	2	0
[5,]	0	0	0	0	0



$k=3$

G

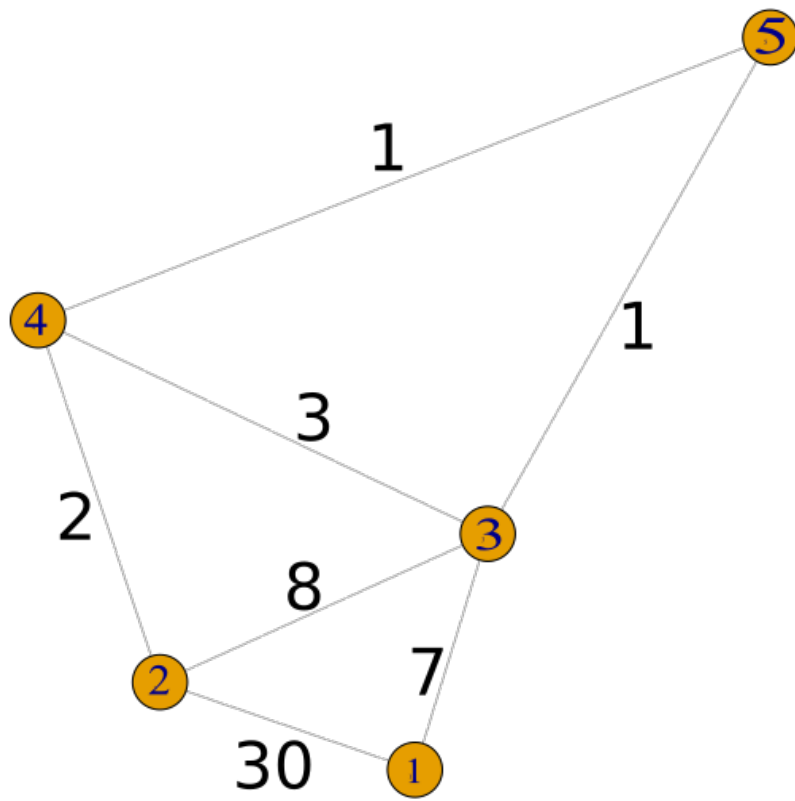
	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	0	30	7	0	0
[2,]	30	0	8	2	0
[3,]	7	8	0	3	1
[4,]	0	2	3	0	1
[5,]	0	0	1	1	0

[[1]]

	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	14	15	7	10	8
[2,]	15	16	8	2	9
[3,]	7	8	14	3	1
[4,]	10	2	3	4	1
[5,]	8	9	1	1	2

[[2]]

	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	3	3	0	3	3
[2,]	3	3	0	0	3
[3,]	0	0	1	0	0
[4,]	3	0	0	2	0
[5,]	3	3	0	0	3



$k=4$

G

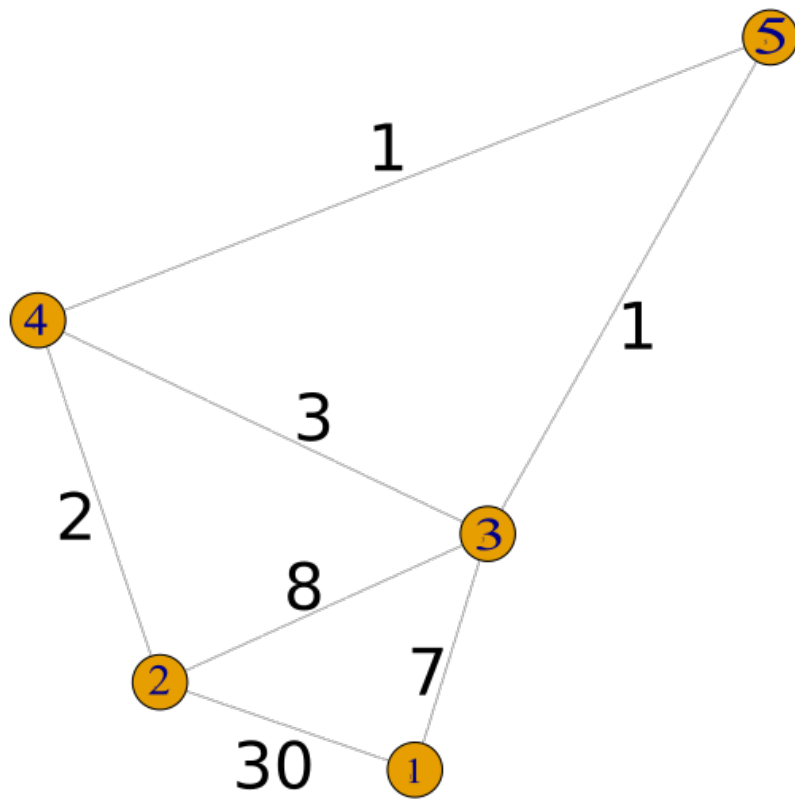
	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	0	30	7	0	0
[2,]	30	0	8	2	0
[3,]	7	8	0	3	1
[4,]	0	2	3	0	1
[5,]	0	0	1	1	0

[[1]]

	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	14	12	7	10	8
[2,]	12	4	5	2	3
[3,]	7	5	6	3	1
[4,]	10	2	3	4	1
[5,]	8	3	1	1	2

[[2]]

	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	3	4	0	3	3
[2,]	4	4	4	0	4
[3,]	0	4	4	0	0
[4,]	3	0	0	2	0
[5,]	3	4	0	0	3



$k=5$

G

	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	0	30	7	0	0
[2,]	30	0	8	2	0
[3,]	7	8	0	3	1
[4,]	0	2	3	0	1
[5,]	0	0	1	1	0

[[1]]

	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	14	11	7	9	8
[2,]	11	4	1	2	3
[3,]	7	4	2	2	1
[4,]	9	2	2	2	1
[5,]	8	3	1	1	2

[[2]]

	[,1]	[,2]	[,3]	[,4]	[,5]
[1,]	3	5	0	5	3
[2,]	5	4	5	0	4
[3,]	0	5	5	5	0
[4,]	5	0	5	5	0
[5,]	3	4	0	0	3