



1	2	3	4	5	6
1	0	0	0	0	0

0	50	45	10	∞	∞
---	----	----	----	----------	----------

↑

dist

num = 2

u = 4

1	2	3	4	5	6
1	0	0	1	0	0

visited

0	50	45	0	25	∞
---	----	----	---	----	----------

↑

dist

num = 3

u = 5

1	2	3	4	5	6
1	0	0	1	1	0

visited

0	45	45	0	0	∞
---	----	----	---	---	----------

↑

dist

num = 4

u = 2

1	2	3	4	5	6
1	1	0	1	1	0

visited

0	0	45	0	0	∞
---	---	----	---	---	----------

↑

dist

num = 5

u = 3

1	2	3	4	5	6
1	1	1	1	1	0

visited

0	0	0	0	0	∞
---	---	---	---	---	----------

dist