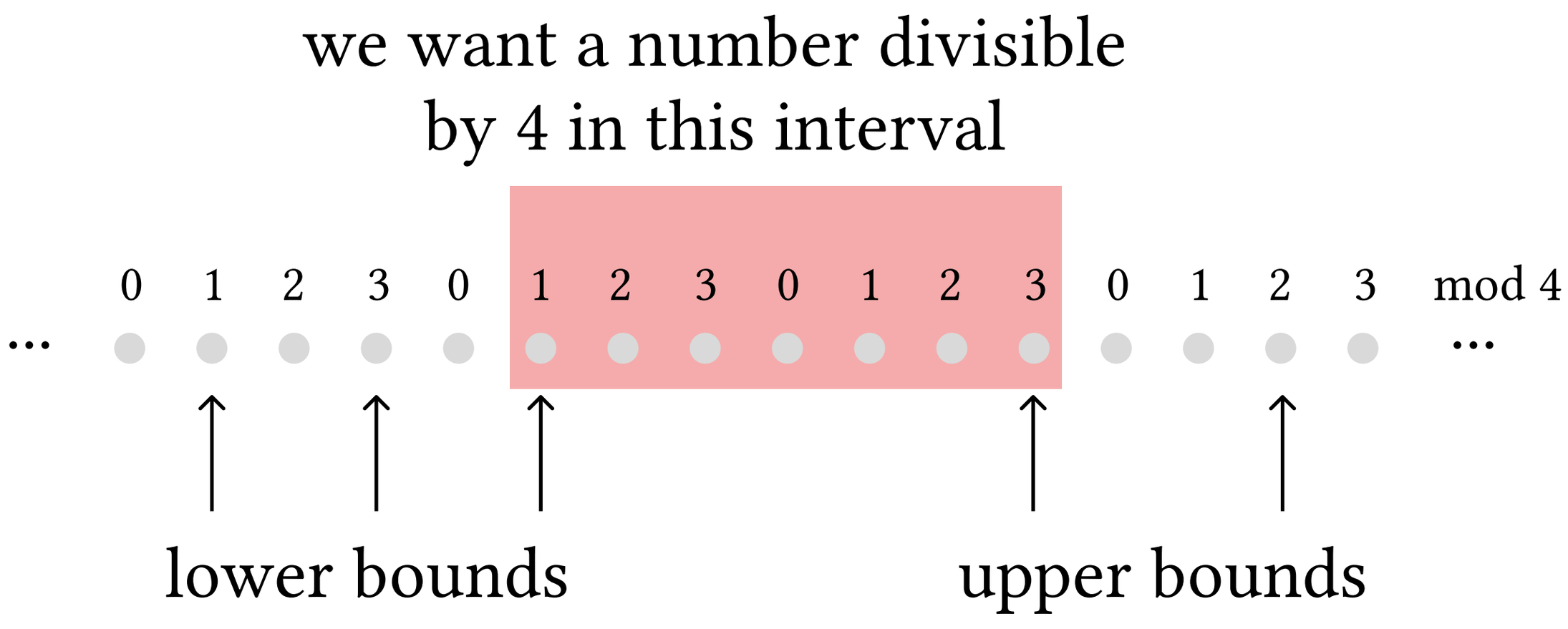

we want a number divisible
by 4 in this interval
0 1 2 3 0 1 2 3 0 1 2 3 0 1 2 3 mod 4
lower bounds
upper bounds

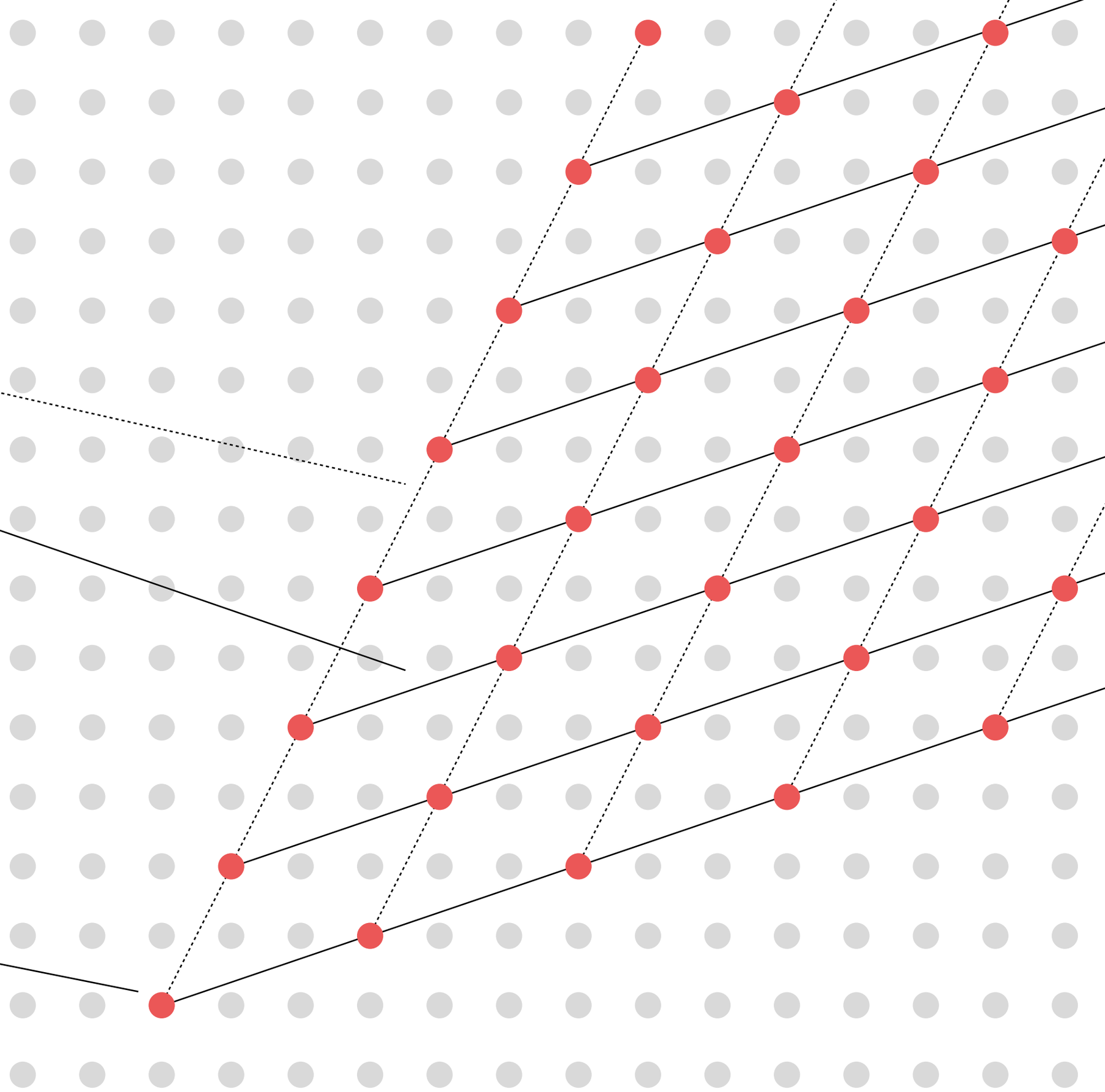
period vectors

(1,2)

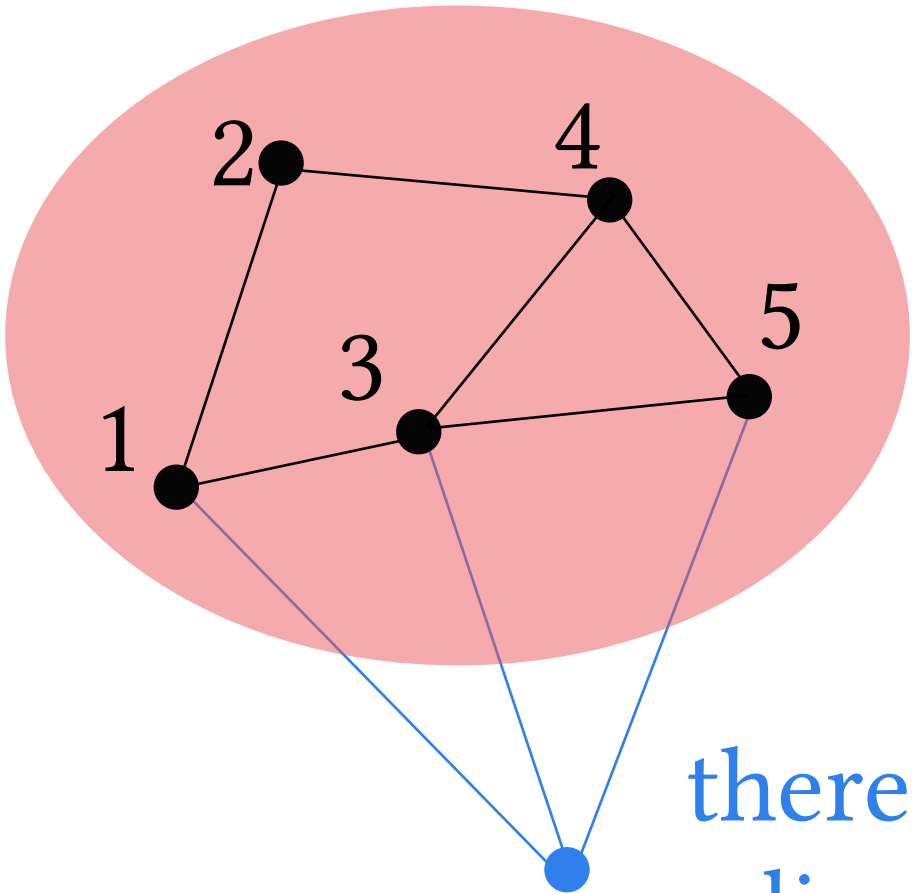
(3,1)

base vector

(2,1)



subgraph H with at most 5 vertices



there must be vertex that is adjacent to {1,3,5} but not {2,4}

... and similarly for every other subset

matrices

1	0	0
0	1	1
1	0	0
0	0	1

M

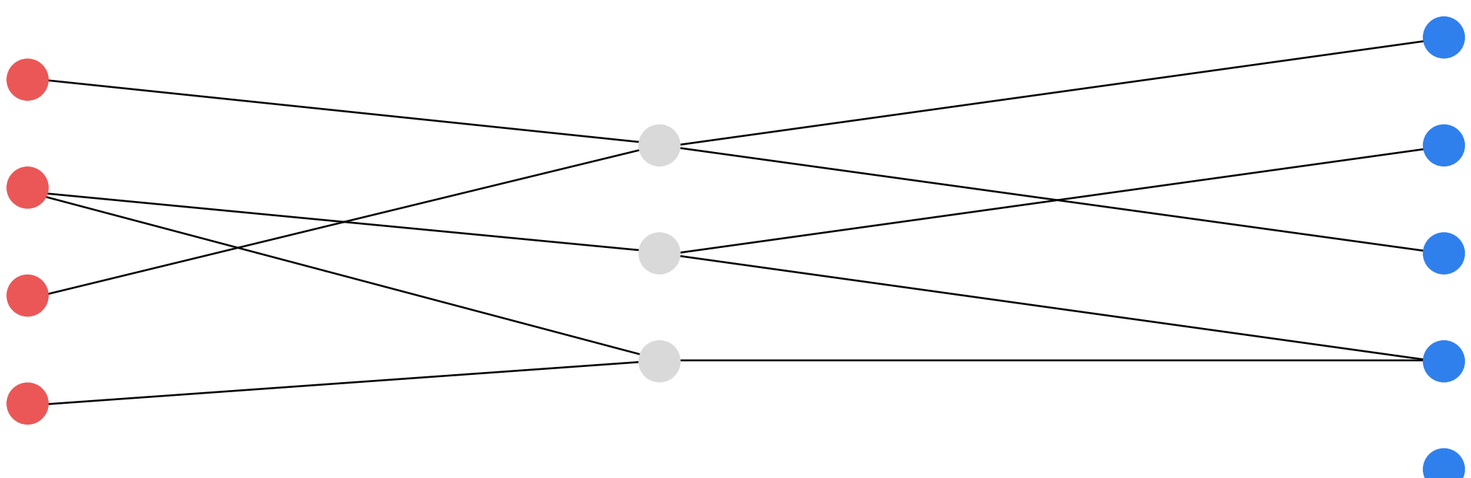
1	0	1	0	0
0	1	0	1	0
0	0	1	0	0

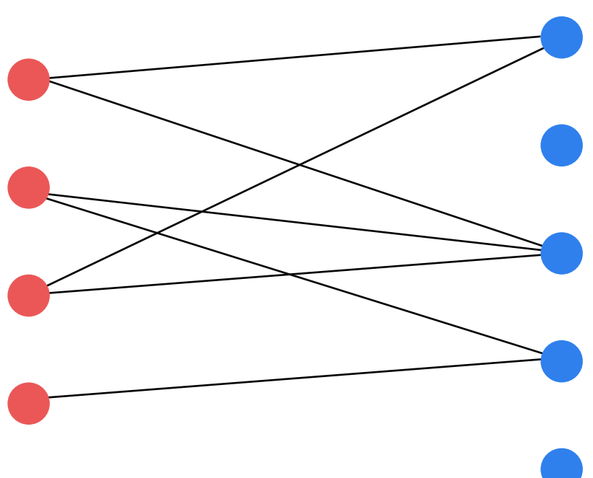
N

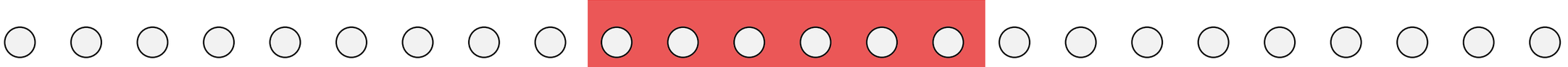
1	0	1	0	0
0	0	1	1	0
1	0	1	0	0
0	0	0	1	0

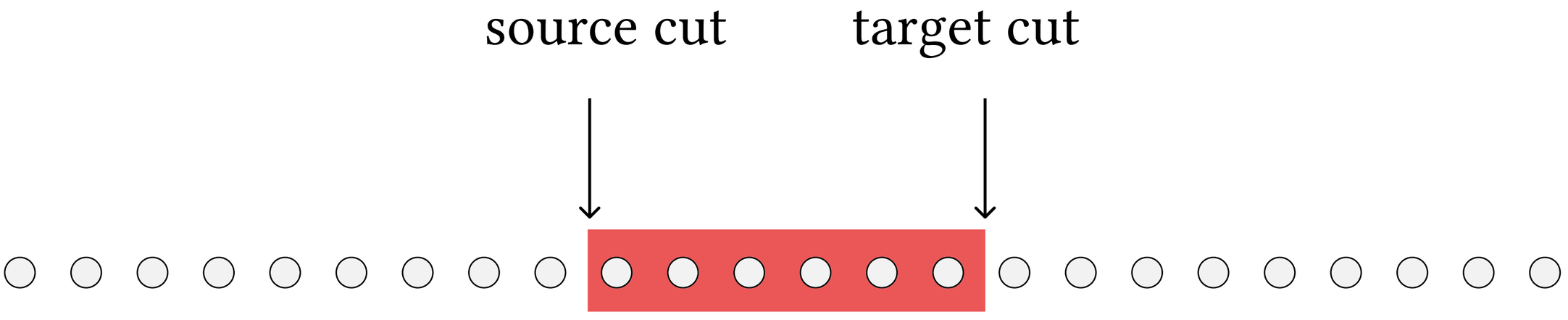
M·N

binary relations








source cut
target cut