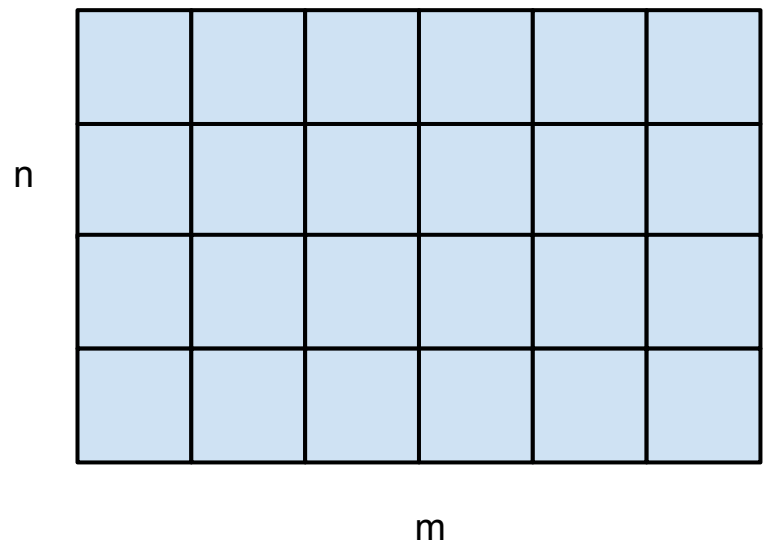
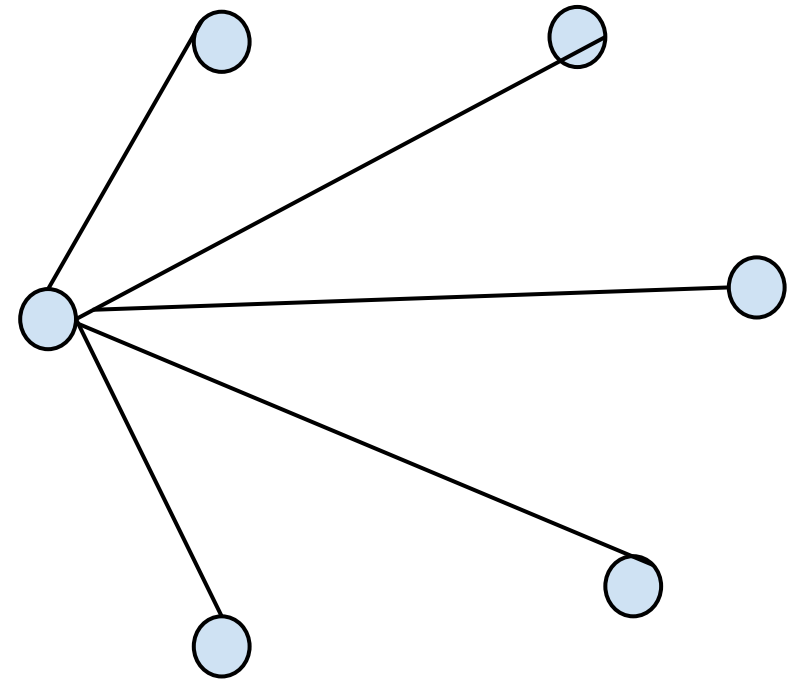


~~$10n+k < nk < 10n$~~
 $k < 0$

$(n-1)n/2$
 $C(n,k) = n! / ((n-k)! * k!)$
 $C(28,2) = 28! / (26! * 2!) =$
 $= 26! * 27 * 28 / 26! * 2! = 27 * 28 / 2$
 $n! = 1 * 2 * 3 * 4 * \dots * n$

$$n^2 + n + 41 = 41^2 + 41 + 41 = 41 * (41 + 1 + 1) = 41 * 43$$



$$15 * 15 = 225 = \sqrt{6 * 225} * (225)^{225} / 3^{225} = (2^8)^{(256)} = 2^{2000} = (2^{10})^{200} = (10^3)^{200} = 10^{600} = 10^{500}$$

$$(n*m) * (n*m-1) * (n*m-2) = (nm)!$$