

of factors prime factorization (p's stand for primes)

1	p^0
2	p^1
3	p^2
4	$p^3, p_1 p_2$
5	p^4
6	$p^5, p_1^2 p_2$
7	p^6
8	$p^7, p_1^3 p_2, p_1 p_2 p_3$
9	$p^8, p_1^2 p_2^2$
10	$p^9, p_1^4 p_2$