$$G_N(\langle a_1, \ldots, a_n \rangle) = \prod_{i=1}^{n} p_i^{a_i}$$

* Calculando termos individuais:

$p_1^{a_1} = 2^4 = 16$

$p_2^{a_2} = 3^0 = 1$

$p_3^{a_3} = 5^1 = 5$

$p_4^{a_4} = 7^1 = 7$

$G_4(\langle 4, 0, 1, 1 \rangle) = 16 * 1 * 5 * 7 = 560$