

$$\prod_{n \geq 1} \underbrace{1 - q^{2n}}_{} \underbrace{1 + q^{2n-1}z}_{} \underbrace{1 + q^{2n-1}/z}_{} = \sum_n^{\mathbb{Z}} z^n q^{n^2}$$

$$\prod_{n \geq 1} \underbrace{1 - u^n v^n}_{} \underbrace{1 - u^{n-1} v^n}_{} \underbrace{1 - u^n v^{n-1}}_{} = \sum_n^{\mathbb{Z}} \binom{n}{-1} u^{n(n+1)/2} v^{n(n-1)/2}$$

$$\prod_{n \geq 1} \overbrace{1 - q^n}^3 = \sum_{n \geq 0} \binom{n}{-1} (2n+1) q^{n(n+1)/2} = \sum_n^{\mathbb{Z}} (4n+1) q^{2n^2+n}$$