

2.3
4

$$\left(\sqrt[3]{a} + \frac{1}{\sqrt[3]{a}}\right)^{15}$$

$$T_{k+1} = \binom{15}{k} \left(a^{\frac{1}{3}}\right)^{15-k} \left(a^{-\frac{1}{3}}\right)^k \quad \text{m/n/d/p : 1/3 > 1/6}$$

$$\frac{1}{3}(15-k) - \frac{1}{3}k = 0 \quad | \cdot 6 \quad \text{e n 3/}$$

$$30 - 2k - 3k = 0$$

$$k = 6$$

$$C_{15}^6 = \binom{15}{6} = 5050 \quad \text{1/n } a^0 \text{ le p3, m/n, p/d}$$