

4.7
p.1

$$2^n = 64 \rightarrow n = 6$$

$$T_{k+1} = \binom{6}{k} (3x)^{6-k} \left(x^{-\frac{1}{2}}\right)^k$$

$$x^0: 0 = 6 - k - \frac{1}{2}k \rightarrow \boxed{k=4}$$

$$T_{4+1} = T_5 = \binom{6}{4} 9x^0 = 135$$