1 du

1.1

$$(a_n) = (1, -1, 2, -1, 3, -3, ...)$$

$\sum_{n=0}^{\infty} \binom{n+2}{2} x^n = \frac{1}{(1-x)^4}$

$(b_n) = (1, -3, 5, -7, 9, -11, ...)$

$(c_n) = (1, 4, 9, 16, 25, 36, ...)$

1.2

$[x^5] : (2x - 1)^-2$

$[x^5] : (1 + x)^{-1/3}$

1.3