LISTA TEOREMA DO BINÔMIO

EXERCÍCIOS:

1) $\frac{1}{(6)^{6-K} \cdot (2x^{2})^{K}} = \frac{(6) \cdot 1 \cdot 2^{K} \cdot x^{2K}}{(6) \cdot 1 \cdot 2^{K} \cdot x^{2K}} = \frac{(6) \cdot 2^{K} \cdot x^{2K}}{(6) \cdot 2^{K} \cdot x^{2K}} = \frac{16 \cdot x^{2}}{(6) \cdot 2^{K} \cdot x^{2}} = \frac{16 \cdot x^{2}}{(6) \cdot 2^{K$

2) (14x-13y) $(14x-13y)^{23}$ $(14x-13y)^{23}$

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3) (x + a)^n = 1386 x^6

T_{K+1} = (11) \times x^{1-2} = 1386 x^5

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T_{K+1} = (1
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3)

4) $(x + 1)^{q} - 17q + 1 = (q) \times q^{-K} (1)^{K} = (q) \times q^{-K} (x^{2})^{K} = (q) \times q^{-K} = (q)$

5)
$$(x + 1)^{m}$$
 - undependente de x

Thus $= \binom{n}{k} \cdot x^{n-k} \cdot \binom{1}{k} + T_{n+1} = \binom{n}{k} x^{n-k} \cdot (x^{n-1})^{k} = \binom{n}{k} x^{n-k} \cdot x^{n-k} \cdot (x^{n-k})^{k} = \binom{n}{k} x^{n-k} \cdot x^{n-k} \cdot x^{n-k} \cdot (x^{n-k})^{k} = \binom{n}{k} x^{n-k} \cdot x^{n-k} \cdot$

7)

7)
$$(2x+y)^5 = (5) 2x^5 y^0 + (5) 2x^4 y^4 + (5) 2x^5 y^4 + (5) 2x^4 y^4 + (5) 2$$