

$$(x+x^2+x^3+x^4+x^5+x^6)^4$$

$$x^4 \cdot (x^5+x^4+x^3+x^2+x+1)^4$$

$$\text{expand}(x^4 \cdot (x^5+x^4+x^3+x^2+x+1)^4)$$

$$x^{24}+4x^{23}+10x^{22}+20x^{21}+35x^{20}+56x^{19}+80x^{18}+104x^{17}+125x^{16}+140x^{15}+146x^{14}+140x^{13}+125x^{12}+104x^{11}+80x^{10}+56x^9+35x^8+20x^7+10x^6+4x^5+x^4$$

$$\text{coeffs} = \text{polyCoeffs}(x^{24}+4x^{23}+10x^{22}+20x^{21}+35x^{20}+56x^{19}+80x^{18}+104x^{17}+125x^{16}+140x^{15}+146x^{14}+140x^{13}+125x^{12}+104x^{11}+80x^{10}+56x^9+35x^8+20x^7+10x^6+4x^5+x^4)$$
$$\{1, 4, 10, 20, 35, 56, 80, 104, 125, 140, 146, 140, 125, 104, 80, 56, 35, 20, 10, 4, 1, 0, 0, 0\}$$

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	A degree	B coeffs	C	D	E	F	G	H
◆								
1	24	1						
2	23	4						
3	22	10						
4	21	20						
5	20	35						
6	19	56						
7	18	80						
8	17	104						
9	16	125						
10	15	140						
11	14	146						
12	13	140						
13	12	125						
14	11	104						
A1	24							

