SCOMPOSIZIONI IN FATTORI

$a^2+4a=$

$x^2yz+2xy^2z+xyz^2=$

$2a^n+4a^{n+1}=$

$x^2y(x-y)+3x^3y(x-y)+4xy^2(x-y)=$

$(a-b)^2+2(a-b)-a(a-b)=$

$9xya-6a^2x=$

$4a^2+4ab+b^2=$

$x^4+9+6x^2=$

$\frac{1}{4}x^2+\frac{1}{9}y^2-\frac{1}{3}xy=$

$a^2+9b^2+6ab=$

$x^4-2ax^2+a^2=$

$0,01x^6+x^3+25=$

$(a+2b)^2+2b(a+2b)+b^2=$

$\frac{1}{9}x^8-2x^4+9=$

$a^4-\frac{1}{3}a^2b^3+\frac{1}{36}b^6=$

$a^2-9b^2=$

$\frac{1}{9}-y^4=$

$x^4-y^4=$

$x^3-x=$

$(x-1)^2-(2x+1)^2=$

$4a^2-9b^6=$

$x^{10}-a^8=$

$\frac{9}{4}x^4y^6-\frac{16}{81}=$

$a^6-9a^2b^4=$

$(a-3b)^2-9a^2b^2=$

$x^6-y^6=$

$4ax+4bx+ay+by=$

$a^3+a^2+2a+2=$

$ax^n+bx^n+b+a=$

$ax+a-bx-b-2cx-2c=$

$(a-2)(a-1)+a-1=$

$a^2+ab+b+a=$

$a^2+ab-b-a=$

$(x-y)^2+3x-3y+ax-ay=$

$x^3+6ax^2+12a^2x+8a^3=$

$27a^3x^3+27a^2x^2+9ax+1=$

$\frac{8}{27}a^3-2a^2+\frac{9}{2}a-\frac{27}{8}$

$27a^9+27a^6+9a^3+1=$

$1-x^6-3x^2+3x^4$

$x^2+3x+2=$

$a^2-9a+8=$

$a^2b^2+3ab+2$

$x^4-13x^2+36=$

$2x^2+x-3=$

$x^3-4x^2+x+6=$

$3p^3-4p^2+5p-4=$

SOLUZIONI (SE SVOLGI LE SOLUZIONI SONO I POLINOMI DATI)

$a(a+4)$

$xyz(x+2y+z)$

$2a^n(1+2a)$

$xy(x-y)(x+3x^2+4y)$

$(a-b)(a-b+2-ab)$

$3ax(3y-2a)$

$(2a+b)^2$

$(x^2+3)^2$

$\left(\frac{1}{2}x-\frac{1}{3}y\right)^2$

$\left(\frac{1}{2}a^4-1\right)^2$

$(a+3b)^2$

$(x^2-a)^2$

$\left(\frac{1}{10}x^3-5\right)^2$

$(a+3b)^2$

$\left(\frac{1}{3}x^4-3\right)^2$

$\left(a^2-\frac{1}{6}b^3\right)^2$

$(a+3b)(a-3b)$

$\left(\frac{1}{3}+y^2\right)\left(\frac{1}{3}-y^2\right)$

$(x^2+y^2)(x+y)(x-y)$

$x(x-1)(x+1)$

$-3x(x+2)$

$(2a+3b^3)(2a-3b^3)$

$(x^5+a^4)(x^5-a^4)$

$\left(\frac{3}{2}x^2y^3+\frac{4}{9}\right)\left(\frac{3}{2}x^2y^3-\frac{4}{9}\right)$

$(a^3+3ab^2)(a^3-3ab^2)$

$(3a+4b)(2b-a)$

$(x-y)(x^2+xy+y^2)(x+y)(x^2-xy+y^2)$

$(a+b)(4x+y)$

$(a+1)(a^2+2)$

$(a+b)(x^n+1)$

$(x+1)(a-b-2c)$

$(a-1)^2$

$(a+b)(a+1)$

$(a+b)(a-1)$

$(x-4)(x-y+3+a)$

$(x+2a)^3$

$(3ax+1)^3$

$\left(\frac{2}{3}a-\frac{3}{2}\right)^3$

$(3a^3+1)^3$

$(1-x^2)^3$

$(x+1)(x+2)$

$(a-8)(a-1)$

$(ab+2)(ab+1)$

$(x-3)(x+3)(x-2)(x+2)$

$(x-1)(2x+3)$

$(x-2)(x-3)(x+1)$

$(3p^2-p+4)(p-1)$