

Addition & Subtraction of Polynomials Puzzle



1 $3x^2 + 2x$ $3a+4b$	$(3a^2+2ab+4b^2)-(a^2+ab+b^2)$ 2 $4(x+y)-(2x+2y)$ $4x^2+5x$	$-4(2x^2+x)+3(4x^2+3x)$ 3 $(3x^2+2x+3)(x^2+3x)$ x^4-5x^2-8	$(5x^2+2)-(3x^2+x+2)$ 4 $-5a-2b$ $-4x^4+2x^2$
$(2x+3)+5(x+1)$ 5 $6x+4z$ $2y^2+2z^2$	$3(2x+4)-2(5x+4)$ 6 $-3x^2+x-7$ $2x+2y$	$-3(2x+1)+4(3x+5)$ 7 $7x+8$ $2x^2-x$	$(3x^2+2x-4)-3(2x^2+x+1)$ 8 x^2-7x $8x^4+9x^2$
$(3x^4+2x^3+3)+(x^3+4+3x^4)$ 9 $2x+2y$	$-3(x^4+2x^2+3)+(4x^4+x^2+1)$ 10 $-4x-4$ $2x+z$	$(7a+9b)-(4a+5b)$ 11 $(3a+4b)-2(4a+3b)$ $6x^4+3x^3+7$ $2x^2+x$	$(3x^2+2x-4)+3(2x^2+x+1)$ 12 $-3(2x+4)+3(4x^2+3x+1)$ $6x+17$
13 $2x+2y$	$(2z+3)+4(2a+4)$ 14 $4x^2+5x$	$(3x^2-4x)-(2x^2+3x)$ 15 $12x^2+3x-9$ $13x^2+2$	$(3y^2+2z^2)-(y^2+2z^2)$ 16 $2a^2+ab+3b^2$ $14z+11y$
$(3x+3z)-(5x+2z)$ 17	$(3x^4+2x^3+3)+(x^3+4+3x^4)$ 18	$(3x^2-4x)-(2x^2+3x)$ 19	$(3x^2+2x+1)-(x^2+x+1)$ 20