

$2x-y-1$	$10xy$	$2x-11y$	$-x^2y-8xy$	$12x-6xy+12y$	$4x^2y-3x^2y+3xy^2$	$5y^2+3x+4y^2$	$9y^2+3x$	0	XVI	$5y^2+3x+4y^2$	$9x^3-5x^2-4x^3-5x^3$	$5x^2y-3x^2$
$3-1(2x+2)+y$	$3x(4-y)+3y(4-x)$	$20x$	x^2y+3xy^2	$10x^2-5(2x^2-4x)$	$3x^2y^2+4x^3-7x^2+2x^2y^2$	$9y^2+3x$	$2x^2(2x-4y)+5x^3$	$20x^3-4x^2y$	$3y+4x$	$2x^2(2x-4y)+5x^3$	$9x^3-5x^2-4x^3-5x^3$	$-4y$
$7x^2y^3+8x^2y^2$	$-x(4xy+2x^2)-4x^2y$	$12x-6xy+12y$	$3xy(4x+2xy)+3x$	$2y+x^2-(x^2-2y)$	$4x^3-7x^2+5x^2y^2$	$2y+x^2-(x^2-2y)$	$4x^2y^2-2x^2(2y^2+2y)$	$x^2(18x-4y+2x)$	XII	$2x^2y^2-2x^2(2y^2+2y)$	$-5x^2$	XI
III	VII	$10xy$	$2x-11y$	X	x^2y+3xy^2	$20x$	IX	$2y+x^2-(x^2-2y)$	XIV	$2y+x^2-(x^2-2y)$	$3x^2y-4y(x^2+2x)$	$3x^2y+3y$
$-8x^2y-2x^3$	$-2x+y+1$	$4y$	$6x^2y^2+12x^2y+3x$	VI	$3x^2y^3-2x^2y^2(4-2y)$	$4y$	$4x^2y-2(2xy^2-2x)$	$2x^3(3x^2-2xy)+3y$	$VIII$	$4x^2y-4xy^2+4x$	$6x^5-4x^4y+3y$	$-x^2y-8xy$
$7x^2y^3+8x^2y^2$	$-8x^2y-2x^3$	$12x-6xy+12y$	$3-1(2x+2)+y$	V	$3x^2y^3-2x^2y^2(4-2y)$	$-20x$	$4x^2y^2-2(2xy^2-2x)$	$2x^3(3x^2-2xy)+3y$	VII	$6x^2y-4xy^2+4x$	$x^2(18x-4y+2x)$	$20y$
$10x^4(3x^2y-4)-10x^6y$	$6x^4y+12x^5y$	$17x-5xy+3y$	$10x^4(3x^2y-4)-10x^6y$	$XIII$	$5x^4$	$10x^4(3x^2y-4)-10x^6y$	$6x(x-2y)+8x$	$2x(y^2-2x)-2xy^2$	IV	$6x^2-12xy+8x$	$x^2(18x-4y+2x)$	$3x^2y+3y$
$8y^2+3x$	$20x^6y-40x^4$	$5x^4$	$x^4+8x^2-x^2y+8y$	XV	$9y^2-3x$	$20y$	$x^4+8x^2-x^2y+8y$	$-5y+5x^2-3x^2-6y$	II	$2x^2-11y$	$9x^3-5x^2-4x^3-5x^3$	$-4y$

Valentine's Day—Combining Like Terms with Polynomials

$-x^2y - 8xy$	$12x - 6xy + 12y$	0	$3y + 4x$	$5x^2y - 3x^2$
$4x^2y - 3x^2y + 3xy^2$	$5y^2 + 3x + 4y^2$	XVI	$9x^3 - 8x^2y$	$-4y$
$x^2y + 3xy^2$	$9y^2 + 3x$	IX	$20x^3 - 4x^2y$	$2x^2 - 11y$
$2x - 11y$	$20x$	X	$x^2(18x - 4y + 2x)$	$-5x^2$
$3xy(4x + 2xy) + 3x$	$10x^2 - 5(2x^2 - 4x)$	XIV	$2x(4x^2y^2 - 2x^2(2y^2 + 2y))$	$3x^2y + 3y$
$6x^2y^2 + 12x^2y + 3x$	$4y$	VII	$2x^3(3x^2 - 2xy) + 3y$	$-x^2y - 8xy$
$10xy$	$12x - 6xy + 12y$	VI	$6x^5 - 4x^4y + 3y$	$20y$
$-x(4xy + 2x^2) - 4x^2y$	$4x^2y - 4xy^2 + 4x$	$VIII$	$6x(x - 2y) + 8x$	$8y^2 + 3x$
$-8x^2y - 2x^3$	$3x^2y^3 - 2x^2y^2(4 - 2y)$	V	$6x^2 - 12xy + 8x$	$x^4 + 8x^2 - x^2y + 8y$
$2x - y - 1$	$3x^3y(2x + 4x^2)$	$XIII$	$17x - 5xy + 3y$	$9y^2 - 3x$
$3 - 1/(2x + 2) + y$	$-2x + y + 1$	XIV	$10x^4(3x^2y^4 - 4) - 10x^6y$	
$7x^2y^3 + 8x^2y^2$	$-20x$	XV	$20x^6y - 40x^4$	