

Espressioni letterali

Svolgi le seguenti espressioni letterali.

- $(8xy - 12x) \cdot \left(\frac{1}{2}x + 2\right) - 2(2yx^2 + 3x^2) - 16x^2 + (4x - 2y)^2$ $[-12x^2 - 24x + 4y^2]$
- $(7b + 3a) \cdot (7b - 3a) + [-14b^2 + 17a^2 + 3a \cdot (-2a) - (7b \cdot 5b)]$ $[2a^2]$
- $[(2x + y) \cdot (2x - y) + (2x - y)^2 - (2x - y) - 2(4x^2 - 2xy)]^2 + 4xy$ $[4x^2 + y^2]$
- $\left[\frac{4x^7 + 12x^5}{4x^4} - x(x + 1)^2\right] : 2xy$ $\left[\frac{1 - x}{y}\right]$
- $(7xy - 12y + 3x) - (6y \cdot 3x) + 11y - (-11xy + 3x) + y$ $[0]$
- $(xy + x)(xy - x) - (xy + y)(xy - y) - (xy + y)^2 + (xy + x)^2$ $[2x^2y - 2xy^2]$
- $\left[\frac{3x^2 + (3x \cdot 2x)}{3x}\right] + (xy + 2y)^2 - y^2(x^2 + 4) + 6xy^2$ $[3x + 10xy^2]$
- $[x(5x + 7y) + (5x + 7y)^2 - 5x(6x)] : 7y$ $[11x + 7y]$
- $a(ab - 8b)(ab^2 + 2b) + 4ab(2ab^2 + 4b) - a^3b^3$ $[2a^2b^2]$
- $-(xy + x)(xy - x) + (xy + y)(xy - y) + (xy + y)^2 - (xy + x)^2$ $[2xy^2 - 2x^2y]$
- $(5ab - 7a^2 + b^2) - (3a + b)(3a - b) + (4a + b)^2 + 3ab$ $[16ab + 3b^2]$
- $\frac{(x^2y - y)^2 - (xy^2 - y)^2 - (x^2y - y)(x^2y + y)}{y^2} + x^2y^2 - 2xy$ $[1 - 2x^2]$
- $x(9y - 8) + 10y - 3(xy - 2x + 3y) + 7(2x + 3) - 3(7 + 2xy)$ $[12x + y]$
- $\{[(xy - xy^2 - x + 3xy - 4xy)^2 - 2x^2y^2] : x^2\} \cdot (y^4 - 1)$ $[y^8 - 1]$
- $3y(2x - 5y)(2x + 5y) + y[7x^2 + 9y - (3x \cdot 2x + x^2) + x]^2 - 6y^3 - 13x^2y$ $[18xy^2]$