

Polynomials

Solve. Rewrite addition and subtraction problems in order to line up like terms.

1. $(xy - 2)(xy + 4) =$

2. $\frac{4x^3 - 16x^2 + 8x}{-4x} =$

3. What does FOIL stand for?

4. $(-2g^3 + 5g^2 - 3) - (4g^3 - 5g - 3) =$

5. $(-6x^3 + 5x) + (-5x^4 - 5x^2) =$

6. $-3xy(-4x^2y^3 + 5xy^2) =$

7. $(a - b)(a - 2b) =$

8. $\frac{4x^3y^3z^3 + 12x^3y^2z^2}{2x^2yz} =$

9. $(x - 3)(2x + 5) =$