

NAME: _____

P.I. A.A.13: Multiply monomials and polynomials

1. Explain the meaning of each letter in the term FOIL.
2. What are two methods you can use to multiply two binomials?
3. What are two methods you can use to multiply a trinomial and a binomial?
4. Find the product $(x - 3)(x + 1)$. Explain how to use a graphing calculator to check your product.
5. Suppose you graph $y = (x + 1)(x - 5)$ and $y = x^2 - 4x - 5$ on the same calculator screen. What will be true about the two graphs? Use graphs to check your answer.