

## Group Work #7

Kerry Ojakian's MTH 28 Class

Names of Group Members (first and last):

### General Instructions:

- You may work in a group of **at most 3 students**.
- Hand in **one** assignment for your group; write each group member's full name on the assignment.

### The Assignment

- 1. Choose 3 products of the form  $(x + E)(x + F)$ , where  $E$  and  $F$  are numbers (some of your choices for  $E$  and  $F$  should include negative numbers).
- 2. For each choice, multiply it out to get an expression of the form  $x^2 + Sx + P$ , where  $S$  and  $P$  are numbers.
- 3. Based on your 3 examples, how do  $S$  and  $P$  relate to  $E$  and  $F$ ?