Bryn Joyner
Effi
Alg.2/P.5
12/4/13
Math Project

1. Write the expression as a complex number:
   (5+2i)(10+3i)

2. Factor the following expression:
   2x^2+13x+21

3. Graph the following equation:
   y= 2x+5

4. Solve for y, then find the value of y when x=5:
   5(10x-5)+2(5y-10)=5

5. Graph on a coordinate plane:
   5x + 3y=21

6. Simplify the expression:
   4√49*3√25*2√121

7. Graph on a coordinate plane:
   y= 2x^2+16x+3

8. Solve ax^2+bx+c=0 for x by factoring:
   9x^2+9x+10=0

9. Solve for x using the quadratic formula:
   2x^2+4x+24=16

10. Solve for c:
    X= -b +/- √b^2-4ac
           2a