

ALG 2

CH 5

Sec 5.6

Simplify each expression

1. $(3+4i)(1-2i)$

2. $(6+2i)(1-2i)$

3. $(5-13i)(5-13i)$

4. $(4-i)(4+i)$

Solve each equation.

5. $2x^2+144=0$

6. $9x^2+40=0$

7. $4x^2+x+5=0$

8. $3x^2+4x+5=0$

} Hint: Use the quadratic formula
