Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_\_

Simplifying Complex expressions using FOIL. Must show work to receive full credit.

Simplify each expression and write it in standard form.

1) $i\left(2-7i\right)$

2) $8i\left(6+3i\right)$

3) $-2i\left(11-4i\right)$

4) $\left(9+i\right)\left(8-12i\right)$

5) $\left(4+5i\right)\left(3+16i\right)$

6) $\left(1-i\right)\left(2-4i\right)$

7) $\left(2-3i\right)\left(7+3i\right)$

8) $\left(8-5i\right)\left(8+5i\right)$