Math 2A   Name_____

4.2 Complex Operations   Period____

Simplify.

1) $(2i)(-7-6i)$

2) $(3i)(-3i)-(3i)$

3) $(8i)-(3i)\cdot 3$

4) $(-3i)(i)$

5) $(-2i)-(4i)$

6) $(8i)+(6i)$

7) $(-i)(-4i)+(6i)$

8) $(-5i)-(4i)$

9) $(-5i)(-3i)+(8i)$

10) $-6+(i)(2i)$

11) $(6i) - (5i)$

12) $-8 + (3 + 2i)$

13) $(-i) + (2i)(-6i)$

14) $(4i) - (i)$

15) $(-6 + 8i)(-2 + 7i)$

16) $(-7i)(2 - 3i) - (6i)(7i)$

17) $8(4i) - (3i)(5 + 6i)$

18) $(3 + 5i)(7 + 8i)$

19) $-6(-6 - 8i) + 3(2 + 5i)$

20) $(3 + 8i) - (-6 - i)$