Adding, subtracting, and multiplying complex numbers

Name _____ Date _____

1. $(3 - 5i)(3 + 5i) =$ _____

2. $(-6 + 5i)(-6 - 5i) =$ _____

3. $(2 - 5i)(-8 - 2i) =$ _____

4. $(-3 + 8i)(6 + 6i) =$ _____

5. $(-7 - 8i)(-7 + 8i) =$ _____

6. $(-5 - 3i) + (4 - 6i) =$ _____

7. $(2 - i)(2 + i) =$ _____

8. $(1 - 4i) - (9 - 9i) =$ _____

9. $(6 + 2i) - (1 + 5i) =$ _____

10. $(-6 - i)(-6 + i) =$ _____

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11. $(-1 - 7i)(-1 + 7i) =$ _____

12. $(-6 - 5i)(8 + 6i) =$ _____

13. $(4 + 9i) + (-6 - 8i) =$ _____

14. $(-4 - 2i)(-4 + 2i) =$ _____

15. $(-3 + i)(-5 - 3i) =$ _____

16. $(6 + 2i)(-8 + 5i) =$ _____

17. $(-1 + i) - (7 + 7i) =$ _____

18. $(6 - i)(6 + i) =$ _____

19. $(-1 - 9i) - (1 - 5i) =$ _____

20. $(-1 + 5i)(7 - 6i) =$ _____

21. $(-8 + 9i) - (3 - 3i) =$ _____