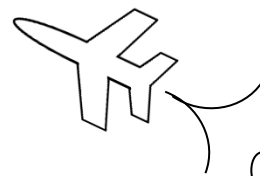


MAth on the Fly!



NAME: _____ DATE: _____

Adding and Subtracting Complex Numbers

Simplify each expression.

1. $(3 + 6i) + (4 + 2i)$

2. $(-5 + 8i) + (3 - 7i)$

3. $(6 - i) + (-2 - 5i)$

4. $(-4i) + 9 + (1 + 4i)$

5. $(-3 - 2i) + (3 + 9i)$

6. $(-7 + 4i) + (5 + i)$

7. $(9 - 3i) + 5i + (2 - i)$

8. $3(8 + 10i) + 2(-7 + 6i)$

9. $(7 + 8i) - (5 + 2i)$

10. $(4 - 5i) - (-3 + i)$

11. $8i - (2 - 7i)$

12. $(-6 - 3i) - (-4 - 5i)$

13. $(-1 + 9i) - (6 + 4i)$

14. $(8 - 4i) - (-3 - 2i)$

15. $(-5 + i) - (-5 - i)$

16. $4(2 - 8i) - 8(6 - 4i)$

SOLUTIONS

1. $7 + 8i$

2. $-2 + i$

3. $4 - 6i$

4. 10

5. $7i$

6. $-2 + 5i$

7. $11 + i$

8. $10 + 42i$

9. $2 + 6i$

10. $7 - 6i$

11. $-2 + 15i$

12. $-2 + 2i$

13. $-7 + 5i$

14. $11 - 2i$

15. $2i$

16. -40