Name:

Date:

Adding and Subtracting Complex Numbers

Simplify.

1) $-8 + (2i) + (-8 + 6i)$

2) $(-3 + 6i) - (-9 - i)$

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

4) $(-12i) + (2 - 6i) + 10$

5) $(-5i) - (-5 + 2i)$

6) $12 - (5i) + (4 - 14i)$

7) $(-12i) + (2 - 6i) + 10$

8) $(-18 - 3i) + (11 + 5i)$

9) $(-5 + 15i) - (-3 + 3i)$

10) $(-11 - 9i) - (-9 - 3i)$

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1) $-8 + (2i) + (-8 + 6i)$

$-16 + 8i$

2) $(-3 + 6i) - (-9 - i)$

$6 + 7i$

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

$5 - 4i$

4) $(-12i) + (2 - 6i) + 10$

$12 - 18i$

5) $(-5i) - (-5 + 2i)$

$5 - 7i$

6) $12 - (5i) + (4 - 14i)$

$16 - 19i$

7) $(-12i) + (2 - 6i) + 10$

$12 - 18i$

8) $(-18 - 3i) + (11 + 5i)$

$-7 + 2i$

9) $(-5 + 15i) - (-3 + 3i)$

$-2 + 12i$

10) $(-11 - 9i) - (-9 - 3i)$

$-2 - 6i$