



Name: _____

Date: _____

Simplify each complex number expression.

Solve for x. Show your work.

1. $(-2 - 7i) + (-6 + 5i)$

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

3. $(2 + 8i) - (-1 - 2i)$

4. $(-6 - 5i) + (2 + 7i)$

5. $(0) + (3i)$

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

7. $(4 - 7i) + (-3 + 3i)$

8. $(-1 + 4i) - (-7 - 8i)$



Simplify each complex number expression. – Answer Key

1. $(-2 - 7i) + (-6 + 5i)$
 $-8 - 2i$

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

3. $(2 + 8i) - (-1 - 2i)$
 $3 + 10i$

4. $(-6 - 5i) + (2 + 7i)$
 $-4 + 2i$

5. $(0) + (3i)$
 $3i$

6. $(1 - 3i) - (-3 + 2i)$
 $4 - 5i$

7. $(4 - 7i) + (-3 + 3i)$
 $1 - 4i$

8. $(-1 + 4i) - (-7 - 8i)$
 $6 + 12i$