

GSE Algebra II  
Complex Conjugates WS

Name \_\_\_\_\_  
Date \_\_\_\_\_ Period \_\_\_\_\_

For each of the following, identify the conjugate. For all ODD problems, multiply them together to verify they are conjugates.

|                             |                           |
|-----------------------------|---------------------------|
| 1. $4 - 5i$                 | 2. $3 + 2i$               |
| 3. $4i - 1$                 | 4. $-3i - 5$              |
|                             |                           |
| 5. $1 + 2i$                 | 6. $10i$                  |
| 7. $12 - 20i$               | 8. $-22 - 7i$             |
| 9. $-9i + 7$                | 10. $41 + 4(-3i)$         |
| 11. $3(2 - 5i) - (-2 + 5i)$ | 12. $(3 - 2i) + (-5 - i)$ |