

Name _____

Date _____

Conjugates and Dividing Complex Numbers - Matching Worksheet

Match the conjugates of the complex numbers. Match the quotients to #8 – 10.

- | | | | |
|-----------|--------------------|----|-----------------------|
| _____ 1. | -2i | a. | 5i |
| _____ 2. | -7i | b. | $7 + 10i$ |
| _____ 3. | -5i | c. | $\frac{16 - 6i}{73}$ |
| _____ 4. | $4 - 11i$ | d. | 2i |
| _____ 5. | $7 - 10i$ | e. | $\frac{18 - 42i}{58}$ |
| _____ 6. | $9 - 5i$ | f. | $2 + 8i$ |
| _____ 7. | $2 - 8i$ | g. | $4 + 11i$ |
| _____ 8. | $\frac{2}{8 + 3i}$ | h. | $\frac{40 - 16i}{29}$ |
| _____ 9. | $\frac{6}{3 + 7i}$ | i. | 7i |
| _____ 10. | $\frac{8}{5 + 2i}$ | j. | $9 + 5i$ |

