

Complete the even problems on both sheets for homework.

Algebra 2

Name \_\_\_\_\_ ID: 1

## Dividing Complex Numbers - HW

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

**Simplify.**

1)  $\frac{6}{10i}$

2)  $-\frac{3}{4i}$

3)  $\frac{3}{-9i}$

4)  $\frac{4}{7i}$

5)  $\frac{-10 + 9i}{7i}$

6)  $\frac{-9 + 2i}{-5i}$

7)  $\frac{1 + 4i}{-4i}$

8)  $\frac{9 + 6i}{-6 + 4i}$

9)  $\frac{2 + 7i}{10 - 7i}$

10)  $\frac{4 - i}{4 - 7i}$

11)  $\frac{4 + 10i}{4 + 4i}$

12)  $\frac{1 + 5i}{3 - 2i}$

## Dividing Complex Numbers - CW

Simplify.

1)  $-\frac{2}{i}$

2)  $-\frac{2}{10i}$

3)  $\frac{-10}{-6i}$

4)  $\frac{1}{8i}$

5)  $\frac{-7 + 8i}{9i}$

6)  $\frac{5 - 4i}{6i}$

7)  $\frac{-2 - 2i}{-8i}$

8)  $\frac{2 + 7i}{10 + i}$

9)  $\frac{-2 + 2i}{3 - i}$

10)  $\frac{-6 + 4i}{-10 + 10i}$

11)  $\frac{-2 + 7i}{3 - 3i}$

12)  $\frac{4 - 9i}{-3 - 3i}$