

## 5-1 CREDIT RECOVERY Complex Numbers

Simplify all of these down to the lowest value you can.

Remember  $i = \sqrt{-1} = i$     $i^2 = -1$     $i^3 = -i$     $i^4 = 1$

\_\_\_\_\_ 1.  $i^{23}$

\_\_\_\_\_ 2.  $i^{44}$

\_\_\_\_\_ 3.  $i^{25}$

\_\_\_\_\_ 4.  $i^{313}$

\_\_\_\_\_ 5.  $i^{134}$