Name:_____

No calculators are allowed on this quiz. Please read each question carefully, follow directions and clearly mark your solutions. **Show your work for full credit.**

1. Simplify and write in the standard form $a + bi$

   $3i(2 - 5i)$

2. Solve.

   (a) $2x^2 + 5x - 3 = 0$

   (b) $x^2 - 2x - 1 = 0$