Take Home Fourth Quiz
Due: April 16, 2013

Name: _____

1. Evaluate and give your answer in scientific notation:

$$\frac{\left(3.45 \times 10^{-4}\right)\left(3 \times 10^{6}\right)}{4 \times 10^{-5}}$$

2. Find the simplified expanded form of the following polynomials:

    (a) $(5x^2 - 3x - 1) - (3x^2 - 3x - 1)$

    (b) $(3x - 2)(5x^2 - 2x + 3)$

    (c) $(3x - 2)^2$