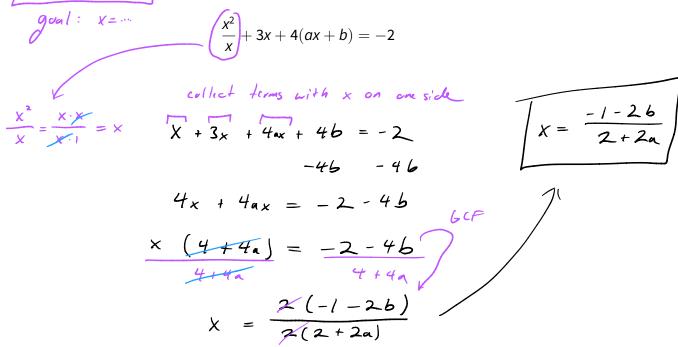
MATH 118: Quiz 3

Name: Kcy

Directions:

- * Show your thought process (commonly said as "show your work") when solving each problem for full credit.
- * If you do not know how to solve a problem, try your best and/or explain in English what you would do.
- * Good luck!
- 1. Isolate the variable x in the equation



2. Find **all** real-valued solutions of the equation

$$4x^{2}-x=0$$

$$4x^{2}-x=0$$

$$4x-1=0$$

$$4x-1=0$$

$$4x=1$$

$$x=\frac{1}{4}$$

3. Multiply the following:

$$(1+i)^2$$

Make sure your answer is in a + bi form.