

11 Classwork 11 MAT 1275 Professor Chiu

Name: _____

1. Solve

$$x^2 + 2x = 48$$

2. Solve

$$5x^2 + 37x + 14 = 0$$

3. Simplify:

$$(3 + i) + (5 - 2i)$$

4. Simplify:

$$(3 + i)(5 - 2i)$$

5. Divide:

$$\frac{3 + i}{5 - 2i}$$