

Name \_\_\_\_\_

Sect. 9.6, 9.7

**For Instructor use only** →

<b>Quiz pts.</b>	
<b>Attendance</b>	
<b>Total</b>	

**M T W F**

- (1) [4 pts.] Solve the equation. Write all the solutions and cross out those that are extraneous.

$$\sqrt{4x+1} - \sqrt{6x} = -1$$

- (2) [4 pts.] Solve the equation.  $\sqrt[3]{x^3 + 26} = x + 2$

- (3) [4 pts.] Multiply.  $(2 - 4i)(3 + 2i)$

- (4) [4 pts.] Write  $\frac{3 - 2i}{3 + i}$  in  $a + bi$  form.