

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Take-Home Quiz  
A Little More Chapter 5 Quiz

1. Evaluate the following complex numbers.

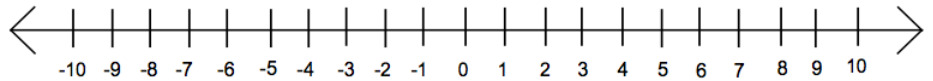
a.  $|-9 + 3i|$

b.  $|5i + 2|$

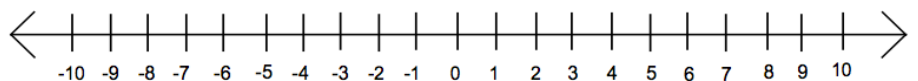
c.  $\frac{2-8i}{6+i}$

2. Solve then graph the following quadratic inequalities on a number line.

a.  $x^2 + 2x - 8 < 0$



b.  $2x^2 \geq x + 3$



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3. Find the quadratic equation that travels through the points:  $(0, 4)$ ,  $(-2, 14)$ ,  $(1, 3)$ .