Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Score \_\_\_\_ / \_\_\_\_\_

QUIZ: Inequalities and Polynomials

1. y 3x – 3 2. Y > -1/3 x + 2

 3. x – y > 1 4. 3x + y < 2

 5. x 3 6. y < -2

OVER 🡪

Perform the indicated operations. Write the answer in standard form.

7. (8𝑥² + 2𝑥 − 8) + (4𝑥² − 5𝑥 + 9) 8. (5𝑥² + 3) − (𝑥³ − 5𝑥 + 2)

9. (6𝑥² − 8𝑥 + 11) − (4𝑥 + 8) + (−2𝑥² – 8) 10. (5𝑥² + 7𝑥 − 9) – ( x² + 3) – (x² + 7x – 10)