Honors Math 2 **Unit 1 Review Sheet** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Part I. Factor the GCF out of each polynomial.**

1. 2. 3. 14x4y + 7x2y5  28x3y3

**Part II. Factor the following completely.**

5. y2 – 11y + 18 6. 3x2 + 4x - 7

7. 8. 9.

10. 11.

**Part III. Solve the following quadratic equations by factoring.**

12. 13. 14.

15. 16. 17.

18. 19. 20.

21. If the zeros of a quadratic are and 4 which of the following could have been the quadratic equation.

**a.** **b.** **c.** **d.**

Simplify each of the following.

22.

23.

24.

25.

26.

27.

**It is also a good idea to review and practice problems from:**

* **Notes**
* **Homework**
* **Quizzes/Entrance Tickets**