

Algebra I
Quiz Recovery
11.4-11.6

Name: _____
Date: _____ Hour: _____

Factor using the *greatest common monomial* (GCF)

1. $2x^2y^2 + 8xy^3$

2. $ab^3c^2 - ab^2c^4$

3. $3x^2y^4 - 9xy^3 + 12xy^2$

4. $35b^3 + 15b^2 + 5b$

Completely factor each polynomial, if possible. If factoring is not possible, write "*prime*". (2)

5. $x^2 - 4$ _____

6. $x^2 - 3x + 13$ _____

7. $x^2 + 3x - 4$ _____

8. $x^2 - 100$ _____

9. $x^2 + 25$ _____

10. $x^2 + 4x - 32$ _____

11. $x^2 - 5x + 6$ _____

12. $x^2 + 13x + 36$ _____

13. $9x^2 - 36$ Factor out the GCF!!!! _____

Use the sum and product method! _____

14. $6x^2 - 12x + 6$ Factor out the GCF!!!! _____

Use the sum and product method! _____