

Kerry Ojakian's MTH 28 Class
Class Assignment #4

Factor out the GCF.

1. $20A + 30yA =$

2. $30xA - 5A =$

3. $x(x + 1) - 5(x + 1) =$

4. $9(y - 1) - 5x(y - 1) =$

5. $x^2(x^2 + 4) - 4(x^2 + 4) =$

6. $x^2(x^2 + 4) - 4(x^2 + 4) =$

“Shift the negatives”.

7. $2(-x + 4) = -2(x - 4)$ (example)

8. $3(-y + 7) =$

9. $-3y(-y + 7) =$

10. $(-x - 5)7 =$

11. $(u^2 - 7)(-34y) =$

12. $3x(-y + 7) =$

13. $x^2 + 9x =$

Factor out the GCF.

14. $4x^4y^3 - 8x^2y + 4xy =$

15. $5x^4 - 15x^3 + 25x^2 =$

16. $12x^4y^3 - 18x^3y^2 - 6x^4y^6 =$

17. $12x^4y^3z - 18x^3y^2z^3 - 9x^4z^2 =$