

GSE PreCalculus
Guided Notes: Factoring

GCF:

1. $12x^2 + 4x$

2. $10x^5 + 15x^4$

Trinomials:

3. $x^2 + 7x + 6$

4. $x^2 - 10x + 16$

5. $x^2 - 4x - 21$

6. $2x^2 - 16x + 24$

7. $2x^2 - x - 6$

8. $5x^2 + 31x + 6$

Difference of Squares:

9. $x^2 - 16$

10. $25x^2 - 16$

11. $3x^2 - 48$

Sum/Difference of Cubes:

12. $x^3 - 8$

13. $x^3 + 64$

14. $8x^3 - 27$

Grouping:

15. $x^3 - 2x^2 - 9x + 18$

16. $2x^3 - 8x^2 + 3x - 12$
