

Factoring Polynomials

Emphasis on finding the GCF of a given Polynomial

Rewrite each polynomial pulling out the GCF of each:

1. $5x - 35$	2. $3x^2 + 27x$
3. $-10x^2 + 60x$	4. $9x + 45$
5. $7x^2 + 21x$	6. $18x^6 - 12x^3$
7. $15x^3 + 25x^2 - 55x$	8. $6x^2 - 24x$
9. $14x^2 - 35x$	10. $5x^2 + x$

11. $20x^2 + 44x$	12. $17x^2 + 51x$
13. $36x^3 + 63x^2 - 27x$	14. $3x^4 + 15x^3$
15. $20y^4 - 15y^3 + 30y^2$	16. $9x^7y^5 - 3x^2y^6$
17. $-2m^4 + 14m^2 - 6m$	18. $-5x^2y + 35xy$
19. $-x^2 + 5x - 6$	20. $12x^2y^2 + 32xy^3$