

Factor Out the GCF*Directions may just read: Factor Completely*

1) $20a^3 + 12a^2 + 28a$

2) $10x^6 + 18x^4$

3) $21b^6c^5 + 7b^4c + 14b^3c^2$

4) $10x^6 - 20x^4 + 15x^2 - 5x$

Rules for Factoring:

5) $4x^2 + 40x + 84$

6) $3y^4 + 6y^3 - 45y^2$

7) $-5x^2 + 40x - 60$

10) $x^2 + 7xy - 30y^2$

8) $x^2 + 11x + 18$

9) $x^2 + 11xy + 18y^2$