

Factoring Out GCF

$$a \cdot b + a \cdot c = a(b + c)$$

Name: \_\_\_\_\_

Factor out the GCF (greatest common factor).

1. $x^2 - 2x$	2. $15y^3 + 10y$	3. $12xy - 8x^2y^2$
4. $2x^2 - 8x + 18$	5. $a^4 - 11a^3 + 2a^2$	6. $3x^3 - 12x^2 + 3x$
7. $\frac{1}{2}p^2 - \frac{7}{2}p$	8. $-10b^2 - 40b + 25$	9. $24x^2y^3 - 36xy^2$
10. $36x^4y - 42x^2y$	11. $2x^3y + 8x^2y^2 - 10xy^3$	12. $-36u^4 + 24u^2 - 20u$