

Factoring

- 1) Find out the Greatest Common Factor (GCF)
- 2) Put GCF on outside of parentheses

EX. $15b + 10$

$\div 5$ $\div 5$

$\rightarrow 5(3b + 2)$

$5(3b + 2)$

$15b + 10$

EX. $4ab + 6a - 14a$

$\div 2a$ $\div 2a$ $\div 2a$

$\rightarrow 2a(2b + 3 - 7)$

EX. $8b^3 + 4b^2 + 6b$

$\div 2b$ $\div 2b$ $\div 2b$

$\rightarrow 2b(4b^2 + 2b + 3)$

$8b^3 + 4b^2 + 6b$