

4.3B Common Factoring - Day 2

Binomial Common Factors

$$4(w + 1) + 5y(w + 1)$$

Ex. 1: Factor

a) $2y(a - 1) - 3x(a - 1)$

b) $4a(x - y) - 3b(-y + x)$

c) $4a(x - y) - 3b(y - x)$

Factor by Grouping

- group terms that have _____
- factor each group to try and get a _____ common factor

$$ac + bc + ad + bd$$

Ex. 2 Factor by Grouping

a) $xy + 12 + 4x + 3y$

b) $5m^2t - 10m^2 + t^2 - 2t$

c) $2y - xy - 3x + 6$