2.3: Adding/Subtracting Simple Polynomials with Brackets

Warm-Up

Evaluate/Simplify:

1. $-l-3l-2l$

2. $4m^2n^2-m^2n^2+3m^2n^2$

3. $5s-3+7s+8-s-9s-5$

Recall: Like terms have the same variables ***and*** exponents!

Circle all the like terms to the *first* term in each list:

1. $p:-16, 6c, 9p, -2p^2$

2. $l:l^2,\ 2l,\ -2l,\ 3l^4,\ 5l^3$

Adding/Subtracting Simple Polynomials with Brackets

Simplify:

1. $(5p+3)+(2p-8)$

2. $(8v+3)+(-4v-3)$

3. $(5p+3)-(2p-8)$

4. $(8v+3)-(-4v-3)$

Observations:

You must _____ the negative throughout the second bracket BEFORE you can collect like terms.

Examples:

Simplify:

1. $(4y+3)-(2y+4)-(3y)$

2. $-(2q+3)+(4-10q)+q$

Homework: p 257-258 #6-8, 12