Warm - up

Give an example of 2 like terms
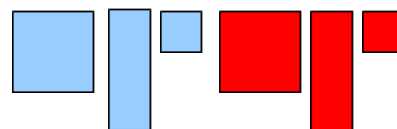
Give an example of 2 unlike terms
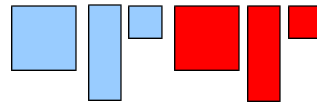
Simplify the following

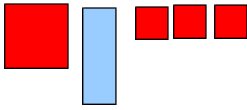a) $2x + 3x - 5x$ b) $4x - 2y + 6x + 4y$ c) $-x^2 + 2x - 3x^2 - 5x$

Adding and Polynomials

1. What polynomial sum does this represent?

When adding polynomials there are several methods we can use .

For example if we wanted to add the following binomials $(4x + 3) + (3x + 2)$

Tile Method   **Column Method**   **Simplifiy Method**

2. Use the tile method to add the following polynomials.
   $(3x + 1)+(x + 4)$

3. Use the column method to add the following polynomials. $(4x + 9)+(6x - 2)$

4. Use the simplify method to add the following polynomials.
   $(5x - 9)+(7x + 8)$

5. Choose any method to add the following polynomials

a) $(3x + 3) + (-4x - 2)$ b) $(3x - 2) + (-x + 6)$

c) $(x^2 + 3x - 4) + (2x^2 - 5x + 2)$

Text book Practice 7.2 pg 259 # 1, 3ace, 4ace, 6ab