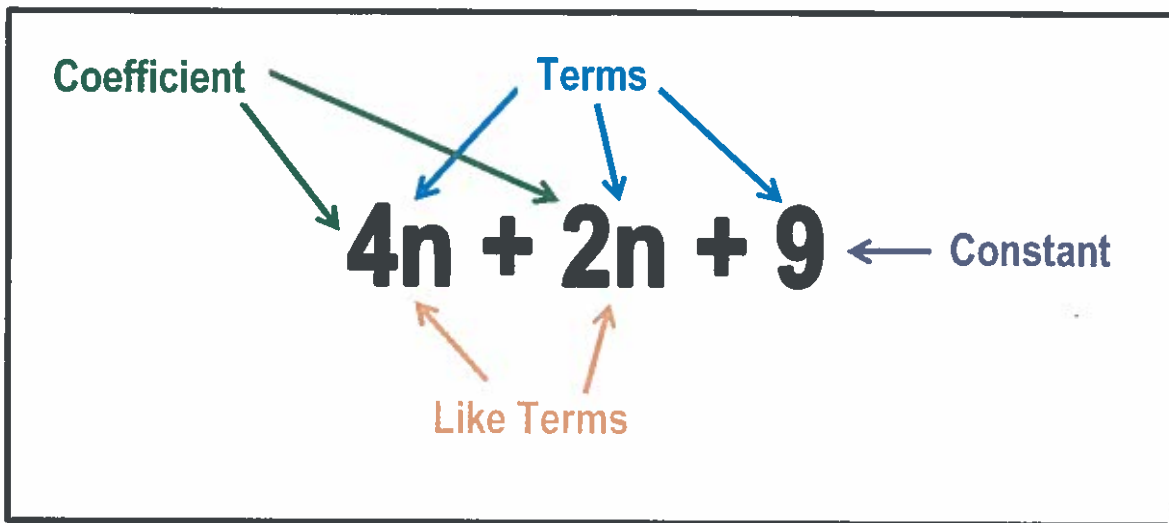# 6-7 Equivalent Expressions

Vocab:

Term – each part of an algebraic expression separated by a plus or minus
Coefficient – the numerical factor of a term that contains a variable
Constant – a term without a variable
Like terms – terms that contain the same variable(s) to the same power

How to simplify expressions:
1) Distribute if necessary
2) Combine like terms (by adding or multiplying)
3) Rewrite your new expression with the like terms combined

Examples:

$6x + 21 + 14$

$6x + 21 + 14$

$6x + 35$

$3x + 2 + 11x$

$14x + 2$

$$\begin{array}{r} 11 \\ +3 \\ \hline 14 \end{array}$$