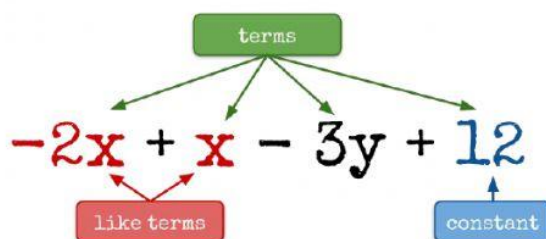


Expressions: Like Terms

Vocab 2 Know:

- **term:** one part of an algebraic expression which may be a number, a variable or a product of both; terms are separated by addition and/or subtraction signs
- **constant:** a quantity having a fixed value that does not change or vary, such as a number; in an algebraic expression, the constant does NOT have a variable attached.
- **coefficient:** a number which multiplies a variable; in an algebraic expression, it is the number attached to the variable
- **like terms:** are exactly the same except for their coefficients; can be combined to make a single term



Directions: Identify the parts of each expression.

1. $3 + 8x + 4 - 6x - 2$

How many terms?

What are the like terms?

Which terms are constants?

2. $x + x + y$

How many terms?

What are the like terms?

Which terms are constants?

3. $6 - 2x + 2 + 7x$

How many terms?

What are the like terms?

Which terms are constants?

4. $10a + 12 - 6 - 7a$

How many terms?

What are the like terms?

Which terms are constants?