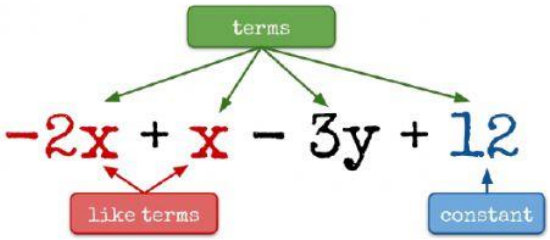
Expressions: Like Terms

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 subtractions 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?

LIVEWORKSHEETS