

Lesson 2 and 3

1. Identify whether each stated part is a **variable**, **constant**, **term**, or **coefficient**.

a) 4 in the expression $4x + 3$	b) y in the expression $7y - 2$	c) 8 in the expression $z + 8$
d) $5a$ in the expression $5a - 6$	e) 3 in the expression $3m + 2n$	f) k in the expression $6 - k$

2. Match each term to the correct definition.

a) Variable	i) A single number or letter, or numbers and letters multiplied together
b) Constant	ii) A group of terms connected by + or - signs
c) Coefficient	iii) A number that does not change
d) Term	iv) A complete mathematical statement with an equals sign
e) Expression	v) A letter that represents an unknown number
f) Equation	vi) A number that multiplies a variable

3. Name the **variables**, **coefficients**, and **constants** in each expression.

a) $5x + 4$ Variables: Coefficients: Constants:	b) $3y - 2$ Variables: Coefficients: Constants:
c) $7z + 9$ Variables: Coefficients: Constants:	d) $2a + 3b$ Variables: Coefficients: Constants:
e) $6m - 5 + n$ Variables: Coefficients: Constants:	f) $4t + 1$ Variables: Coefficients: Constants:

4. Write an algebraic expression to represent each statement.

a) Five more than a number x	b) A number y multiplied by 3	c) Seven added to three times a number t
d) Two less than double a number a	e) A number m divided by 4	f) A number n minus 9