

**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.

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

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