Section 11.1 Extra Practice

1. Identify each of the following as an expression or an equation.
Example: $2x + 7$ <u>expression</u>

    a) $y = 7$ _____

    b) $4x + 3y$ _____

    c) $6 - 5a + c \div 3$ _____

    d) $-9 = b + 8$ _____

2. For each phrase below:
   • Underline the word or words that tell what mathematical operation to use.
   • Write an expression or an equation for each phrase. Use *n* as the variable.

    Example: four <u>more than</u> the product of six and a number   <u>$4 + 6n$</u>

    a) four times a number minus three _____

    b) the sum of six and a number equals nine _____

    c) eight less than seven times a number equals thirteen _____

    d) a number tripled is fifteen _____

    e) half a number _____

    f) a number doubled minus five equals seven _____

3. Identify the variables, numerical coefficients, and constants in each expression.

Expression	Variables	Numerical Coefficients	Constants
Example: $3x - 2y - 9$	x, y	$3, -2$	-9
a) $5a + 14$			
b) $7 - b$			
c) $11 - 7n - 4m$			
d) $1 + \dfrac{n}{4}$			