Name: _____ Date: _____

BLM 10–9

Section 10.3 Extra Practice

1. Write an expression for each statement. Use the variable *c*.

Example:
6 cups + 4 counters $6c + 4$

a) 3 cups + 3 counters _____

b) 5 cups – 4 counters _____

c) 7 cups + 1 counter + 1 counter _____

2. Substitute the following values of *x* into the expression $4x + 3$. Remember to use brackets to show the substitution.

Example:
$x = 7$ $4(7) + 3 = 28 + 3 = 31$

a) $x = 3$ _____

b) $x = 5$ _____

c) $x = 10$ _____

3. Substitute to find the value for each expression. Show the steps.

Example:
$2x - 10$ when $x = 6$ $2(6) - 10 = 2$

a) $7 + 3y$ when $y = 7$ _____

b) $\frac{s}{10}$ when $s = 40$ _____

c) $10 - 4a$ when $a = 0$ _____

d) $\frac{r}{3} - 6$ when $r = 24$ _____

4. In one row, there are 10 chairs. In two rows, there are 20 chairs. In three rows, there are 30 chairs.

a) Complete the table.

b) How many chairs are in 9 rows? _____

c) Write an expression for the number of chairs in any number of rows.

_____

d) What assumption is being made about the rows?

_____

Number of Rows (*r*)	Number of Chairs (*c*)
1	10
2	20
3	30