**ALGEBRA**

**SECTION 5.4**

**WRITING A FUNCTION RULE**

Writing a Rule from a table of values.

Example:

Write the rule described by the table of values below.

**x y**

1 -1

2 0

3 1

4 2

Method:

1. Determine is the change in the range is consistent.

2. Think of ways to get from the domains to the ranges

There are two ways to do this.

A. Multiply by -1

B. Subtract 2

3. Check all points

Write the rule described by the table of values for each function below.

*x y* *x y*

1 2 2 8

2 4 4 10

3 6 6 12

 8 14

Concrete costs $95 per cubic yard. Write a function rule and determine the cost for buying 5, 7.5, and 9 yards of concrete.

You need to make color posters. The printing company charges $15 for setup plus $7.50 per poster printed. Write a function rule to determine the total cost.

Assignment: