## 4.2 – Functions #1

A function can also be a rule with input values (the DOMAIN) and output values (the RANGE).

Domain: 3,

1.

# The rule is

Range:

Ordered pairs:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### FUNCTION NOTATION:

To find you replace with

2. Find the range values of each function for the given domain values.

a)

b)

3. For find the indicated value.

\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

**If and , find the following.**

4. 5.

6.

7. Find the domain and range.



Domain:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_