Math 4 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1-2 Practice** Date\_\_\_\_\_\_\_\_

**In numbers 1-8, let**, , , , 

**Evaluate the following:**

1.  2. 

3.  4. 

5.  6. 

7.  8. 

9. Based on your work from problems 1-8, which functions are inverses of each other? How do you know?

10. Give rules for two functions (neither of which is *y* = *x*) so that their composition becomes the following:

a.  b. 

11. Consider the functions  Evaluate the following combinations of those functions.

1.  b. 

c.  d. 