T/PC
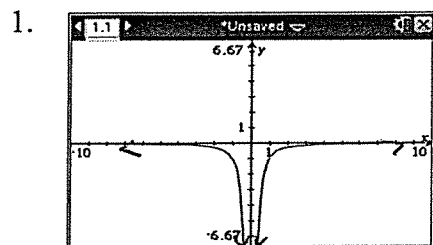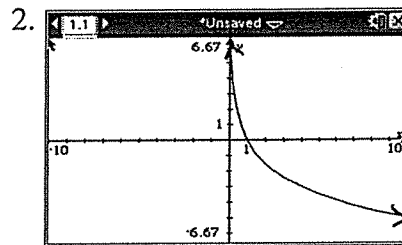**Function Families Review**

Name:
Hour:

For 1 – 6, name the family that each graph belongs to, write a possible equation and tell the type of function. (1 to 1 or Many to 1)
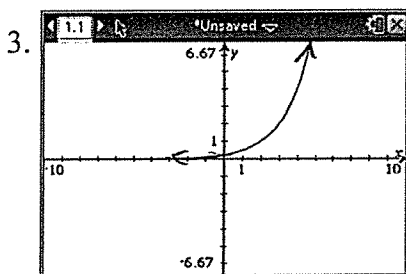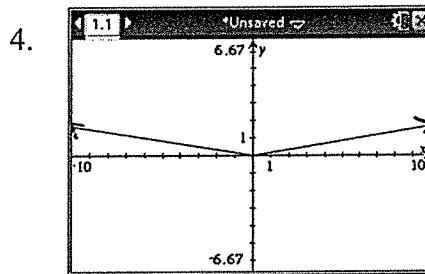
1.

Family:

Equation:

Type:

2.

Family:

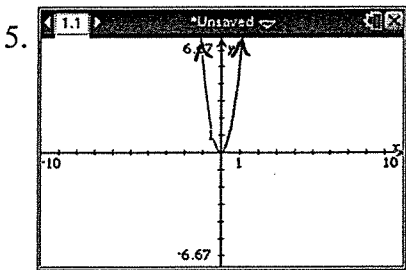Equation:

Type:

3.

Family:

Equation:
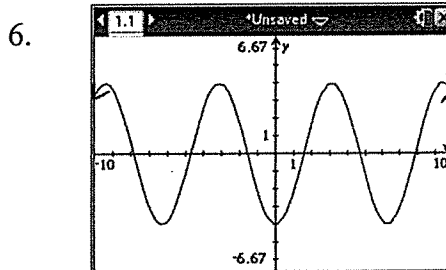
Type:

4.

Family:

Equation:

Type:

5.

Family:

Equation:

Type:

6.

Family:

Equation:

Type:

For 7 – 10, tell the family each function belongs to and sketch a graph of each function.

7. $y = -4\sqrt[3]{x}$

8. $y = -\tan x$

9. $y = 2(3)^x$

10. $y = 3x^5$