Warm Up 3.8H

Name _____ Period _____

1. Calculate the change between the *f(x)* values in the table and list them along the side of the table.

x	f(x)
2	7
3	15
4	20
5	31

2. What is the *average change* of *f(x)* on the interval x = 2 to x = 5 ?

3. What is the *average change* of *f(x)* on the interval x = 3 to x = 5 ?

4. Calculate the change between the *g(x)* values in the table and list them along the side of the table.

x	g(x)
1	3
2	6
3	12
4	24

5. What is the *average change* of *g(x)* on the interval x = 1 to x = 4 ?

6. What is the *average change* of *g(x)* on the interval x = 2 to x = 4 ?

7. Find both the slope (linear) and the multiplicative ratio (exponential) for the coordinates (3, 9) (8, 879).