

Name:

Date:

Block:

Unit 4: Exponential Functions- Average Rate of Change

For each function below:

- Describe the change from each x value and the change from each $f(x)$ value
- Find the average rate of change
- State whether each function is a linear function or exponential function and how you know

x	0	1	2	3	5
$h(x)$	3	5	7	9	13

x	1	2	3	4	5
$j(x)$	2	2	0	-4	-10

x	1	2	3	4	5
$k(x)$	3	7	19	55	163

x	0	1	2	3	5
$m(x)$	1	2	5	10	26

x	1	2	3	4	5
$n(x)$	65	33	17	9	5

x	1	2	3	4	5
$p(x)$	3	7	19	55	163