Warm	Up	3.7H
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Name	Period
i vanne _	101104

For each table fill in the missing values as if it is a linear relationship for f(x) and also fill in the missing values as if it is an exponential relationship for g(x). Then find the function equation for each.

1.							f(x) = $g(x) =$
X	1	2	3	4	]		g(x)=
f(x)	5			40			
g(x)	5			40			
2.							f(x)=
X	1	2	3	4	5	]	g(x)=
$f(\mathbf{x})$	1.5	2	5	-	121.5		5(1)
$\frac{f(x)}{g(x)}$	1.5				121.5		
3.	1.0				121.0		f(x) =
0.							-()
						f(x) = $g(x) =$	
X	0	1	2	3	4	5	
f(x)	7					82	
g(x)	7					82	
4.							f(x) =
X	1	2	3 4	4 5	6	7	f(x) = $g(x) =$
f(x)		25				100	5(1)
g(x)		25				100	
							]

For each pair of coordinates find both a linear and exponential function that goes through them.

5. (3, 2.5) (8, 80)

6. (4, 5) (6, 125)