Name_____ class _____

Analyzing Functions from a Numerical Approach Post-Test

Given the table below, determine the following:

x	-2	a	.5	1
f(x)	.5	1	-2	-6
g(x)	-2	-2	2	5
h(x)	1	.5	6	0

1. $f(1) =$ **-6**

2. $f(.5) + h(.5) =$ **4**

3. $\frac{g(-2)}{h(.5)} =$ **-1/3**

4. $f^{-1}(1) =$ **a**

5. $g(h(-2)) =$ **5**

6. $f(g(a)) =$ **.5**

7. $f(1) - 6h(a) =$ **-9**

8. $Determine\ x\ if\ h(x) = 0$
x= **1**

9. Can you determine the value of $f(a + .5)$ from the given table of values? **No**

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1. $f(1) =$ _____

2. $f(.5) + h(.5) =$ _____

3. $\frac{g(-2)}{h(.5)} =$ _____

4. $f^{-1}(1) =$ _____

5. $g(h(-2)) =$ _____

6. $f(g(a)) =$ _____

7. $f(1) - 6h(a) =$ _____

8. $Determine\ x\ if\ h(x) = 0$
x=_____

9. Can you determine the value of $f(a + .5)$ from the given table of values?_____