Name_____ class _____

Analyzing Functions from a Numerical Approach Pre-Test

Given the table below, determine the following:

x	-1	a	.5	2
f(x)	0	1	-2	-7
g(x)	2	2	2	5
h(x)	.5	-1	.5	3

1. $\boldsymbol{f(2) =}$ **-7**

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

3. $\frac{g(-1)}{h(.5)} =$ **4**

4. $f^{-1}(-7) =$ **2**

5. $f(g(-1)) =$ **-7**

6. $g(h(a)) =$ **2**

7. $4f(.5) - h(2) =$ **-11**

8. $Determine\ x\ if\ h(x) = 3$
X= **2**

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

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1. $f(2) =$ _____

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

3. $\frac{g(-1)}{h(.5)} =$ _____

4. $f^{-1}(-7) =$ _____

5. $f(g(-1)) =$ _____

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

7. $4f(.5) - h(2) =$ _____

8. $Determine\ x\ if\ h(x) = 3$
x=_____

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