

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.  $f(2) =$  \_\_\_\_\_

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? \_\_\_\_\_

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