

Name : _____

Function Table - Mixed Functions

MS1

A) Complete each function table.

1) $f(x) = 7x + 4^x$

x	f(x)
-2	
-1	
0	
$\frac{1}{2}$	
2	

2) $f(x) = \frac{2x + 5}{2x - 5}$

x	f(x)
$\frac{3}{4}$	
1	
2	

3) $f(x) = 4.9x^2 - 7.7x + 1$

x	f(x)
-6	
-5	
-3	
-2	
2	

B) Complete the function table and answer the following questions:

x	
f(x)	

i) What is the value of $f(5)$?

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ii) Complete the function table for $f(x) = x^2 + 1$ and answer the following questions:

5	6.5

iii) What is the value of $f(x)$, if x is 1?

C) Complete the function table for $f(x) = |x(x^4 - 6)|$

f(x)	x(x ⁴ - 6)	8x + $\frac{3}{2}$	(x - 0.5)(x - 5)
f(-2)			
f(1)			
f(3)			