

Name : \_\_\_\_\_

## Function Table - Quadratic Function

MS1

A) Complete each function table.

1)  $f(x) = 8x^2 + 3x + \frac{3}{2}$

x	f(x)
-1	
$-\frac{3}{4}$	
$-\frac{1}{6}$	
0	
$\frac{1}{2}$	

2)  $f(x) = -1.2x^2 - 7x$

x	f(x)
-6.5	
-2	
2	

3)  $f(x) = \frac{5}{6}x^2 - 5$

x	f(x)
-6	
$-\frac{9}{5}$	
0	
$\frac{3}{5}$	
3	

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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$x^2 - 9x - 4.5$  and

5	6

What is the value of  $f(2)$ ?

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C) Complete the function table.

f(x)	$2x^2 - \frac{6}{7}x + 1$	$-\frac{1}{7}x^2 + x$	$7x^2$
$f\left(-\frac{7}{2}\right)$			
$f(-2)$			
$f\left(-\frac{2}{7}\right)$			