

Name: _____

Score: _____

Function Table

DS2

Complete the function table:

1)

$f(x)$	$x^3 - x^2 + 1$	$\sqrt[3]{x^2 + 2x + 1}$	$(x + 1)^3$	$\frac{x + 5}{x + 3}$	$\sqrt[3]{-x - 1}$
$f(-9)$					
$f(-2)$					
$f(-1)$					
$f(0)$					
$f(7)$					

2)

$f(x)$	$x^2 + 1$	$\frac{1 - x^2}{2}$
$f(-3)$		
$f(-1)$		
$f(0)$		
$f(2)$		
$f(3)$		

3)

$f(x)$	$(x - 3)^2$	$x^2 + 5x - 6$
$f(-3)$		
$f(-1)$		
$f(0)$		
$f(2)$		
$f(3)$		

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Answer key**Function Table**

DS2

Complete the function table:

1)

$f(x)$	$x^3 - x^2 + 1$	$\sqrt[3]{x^2 + 2x + 1}$	$(x + 1)^3$	$\frac{x + 5}{x + 3}$	$\sqrt[3]{-x - 1}$
$f(-9)$	-809	4	-512	$\frac{2}{3}$	2
$f(-2)$	-11	1	-1	3	1
$f(-1)$	-1	0	0	2	0
$f(0)$					-1
$f(7)$					-2

2)

$f(x)$		$+ 1$	$\frac{1 - x^2}{2}$
$f(-3)$			-4
$f(-1)$			0
$f(0)$			0.5
$f(2)$			-1.5
$f(3)$			-4

3)

$f(x)$	$(x - 3)^2$	$(x - 2)^2$	$(x + 3)^2$	$x^2 + 5x - 6$
$f(-3)$				-12
$f(-1)$	1	-11	2	16
$f(0)$	8	-18	1	9
$f(2)$	64	10	5	1
$f(3)$	125	45	22	0

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