

Name: _____

Score: _____

Function Table

DS1

Complete the function table:

1)

$f(x)$	$x^2 + 2x + 5$	$x^3 - 5x + 3$	$\sqrt{x^2 - 2x + 1}$	$5x^3 + 3$	$1 - 3x^2 + x^4$
$f(-2)$					
$f(-1)$					
$f(0)$					
$f(1)$					
$f(2)$					

2)

$f(x)$					$(x - 12)^3$
$f(1)$					
$f(4)$					
$f(9)$					
$f(16)$					
$f(25)$					

3)

$f(x)$					$(x - 1)^3$	$x^2 + 5 - x$
$f(-4)$						
$f(-1)$						
$f(0)$						
$f(2)$						
$f(3)$						

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Answer key**Function Table**

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1)

$f(x)$	$x^2 + 2x + 5$	$x^3 - 5x + 3$	$\sqrt{x^2 - 2x + 1}$	$5x^3 + 3$	$1 - 3x^2 + x^4$
$f(-2)$	5	5	3	-37	5
$f(-1)$	4	7	2	-2	-1
$f(0)$	5	3	1	3	1
$f(1)$					-1
$f(2)$					5

2)

$f(x)$		$(x - 12)^3$
$f(1)$		-1331
$f(4)$		-512
$f(9)$		-27
$f(16)$		64
$f(25)$		2197

3)

$f(x)$	$(x - 1)^3$	$x^2 + 5 - x$
$f(-4)$	64	-55
$f(-1)$	25	2
$f(0)$	16	1
$f(2)$	4	5
$f(3)$	1	22

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