

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

Score: \_\_\_\_\_

<b>Function Table</b>
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MS2

Complete the function table:

1)  $f(x) = 1 - x^2$

$x$	-5	-3	0	1	4
$f(x)$					

2)  $f(x) = 9x - 1$

$x$	-5	-1	0	4	7
$f(x)$					

3)  $f(x) = x^2 - x$

$x$	-3	1
$f(x)$		

4)  $f(x) = x^3 + 5$

	0	1	3
$f(x)$			

5)  $f(x) = x - 3x$

$x$	-2	-1
$f(x)$		

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	0	1	4
$f(x)$			

7)  $f(x) = 5x^2 - 4$

$x$	-1	1
$f(x)$		

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	0	1	5
$f(x)$			

9)  $f(x) = x^{\frac{1}{2}} - 5$

$x$	16	25
$f(x)$		

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	2	-1	-3
$f(x)$			

11)  $f(x) = (x - 1)^{\frac{1}{2}}$

$x$	2	5	10	17	26
$f(x)$					

12)  $f(x) = x^{\frac{1}{3}}$

$x$	-8	-1	8	27	64
$f(x)$					

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**Answer key****Function Table**

MS2

1)  $f(x) = 1 - x^2$

x	-5	-3	0	1	4
f(x)	-24	-8	1	0	-15

2)  $f(x) = 9x - 1$

x	-5	-1	0	4	7
f(x)	-46	-10	-1	35	62

3)  $f(x) = x^2 - x$

x	-3	1
f(x)	12	0

4)  $f(x) = x^3 + 5$

x	0	1	3
f(x)	5	6	32

5)  $f(x) = x - 3x^3$

x	-2	-1
f(x)	22	2

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7)  $f(x) = 5x^2 - 4$

x	-1	1
f(x)	1	1

9)  $f(x) = x^{\frac{1}{2}} - 5$

x	16	25
f(x)	-1	0

11)  $f(x) = (x - 1)^{\frac{1}{2}}$

x	2	5	10	17	26
f(x)	1	2	3	4	5

12)  $f(x) = x^{\frac{1}{3}}$

x	-8	-1	8	27	64
f(x)	-2	-1	2	3	4