

Name: _____

Score: _____

Function Table

MS1

Complete the function table:

1) $f(x) = x^2 + 4$

x	2	5	7	8	10
$f(x)$					

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

x	-1	0	1	2	3
$f(x)$					

3) $f(x) = 2x$

x	-2	0
$f(x)$		

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

	0	1	2

5) $f(x) = -x + 2$

x	-5	-4
$f(x)$		

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	0	1	3

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

x	3	6
$f(x)$		

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	3	4	5

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

x	-1	0
$f(x)$		

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	-5	-4	-3

11) $f(x) = x^3 - 1$

x	-4	-2	0	2	4
$f(x)$					

12) $f(x) = 7x^2 - 3$

x	-1	0	1	2	3
$f(x)$					

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Answer key**Function Table**

MS1

1) $f(x) = x^2 + 4$

x	2	5	7	8	10
$f(x)$	8	29	53	68	104

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

x	-1	0	1	2	3
$f(x)$	-8	-5	-2	1	4

3) $f(x) = 2x$

x	-2	0
$f(x)$	-4	0

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

0	1	2
0	1	8

5) $f(x) = -x + 2$

x	-5	-4
$f(x)$	7	6

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0	1	3
0	1	21

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

x	3	6
$f(x)$	-2	1

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3	4	5
26	40	58

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

x	-1	0
$f(x)$	-8	-1

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-5	-4	-3
-8	-1	0

11) $f(x) = x^3 - 1$

x	-4	-2	0	2	4
$f(x)$	-65	-9	-1	7	63

12) $f(x) = 7x^2 - 3$

x	-1	0	1	2	3
$f(x)$	4	-3	4	25	60