

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

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

<b>Function Table</b>
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Complete the function table:

1)  $f(x) = 5x^2$

$x$	-3	-1	2	3	5
$f(x)$					

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

$x$	1	2	4	5	8
$f(x)$					

3)  $f(x) = 2x + 4$

$x$	-2	-1	1	2	5
$f(x)$					

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

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

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

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

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

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

7)  $f(x) = -4 - x$

$x$	-4	-1	2	6	8
$f(x)$					

8)  $f(x) = 8 - 5x$

$x$	-6	-3	0	3	5
$f(x)$					

9)  $f(x) = \frac{x}{3}$

$x$	-6	-3	3	6	9
$f(x)$					

10)  $f(x) = \frac{x^3}{2}$

$x$	-2	-1	1	2	4
$f(x)$					

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

$x$	-1	1	3	7	11
$f(x)$					

12)  $f(x) = -3x + 7$

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



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**Answers**

1)  $f(x) = 5x^2$

$x$	-3	-1	2	3	5
$f(x)$	45	5	20	45	125

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

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

3)  $f(x) = 2x + 4$

$x$	-2	-1	1	2	5
$f(x)$	0	2	6	8	14

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

$x$	-2	-1	1	2	3
$f(x)$	-16	-2	2	16	54

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

$x$	-3	-1	0	2	3
$f(x)$	9	5	3	-1	-3

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

$x$	-4	-3	0	1	2
$f(x)$	-16	-9	0	-1	-4

7)  $f(x) = -4 - x$

$x$	-4	-1	2	6	8
$f(x)$	0	-3	-6	-10	-12

8)  $f(x) = 8 - 5x$

$x$	-6	-3	0	3	5
$f(x)$	38	23	8	-7	-17

9)  $f(x) = \frac{x}{3}$

$x$	-6	-3	3	6	9
$f(x)$	-2	-1	1	2	3

10)  $f(x) = \frac{x^3}{2}$

$x$	-2	-1	1	2	4
$f(x)$	-4	-0.5	0.5	4	32

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

$x$	-1	1	3	7	11
$f(x)$	-2	0	2	6	10

12)  $f(x) = -3x + 7$

$x$	-5	-1	0	5	7
$f(x)$	22	10	7	-8	-14