

Name: _____

Function Table

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	$-\frac{1}{2}$	$\frac{1}{2}$	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