



Function Table

Name _____

Score _____

FT:II:21

Choose the correct function for the given table.

1)

x	-3	1	-4	2
f(x)	-24	0	-60	6

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

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

c) $f(x) = 5x + 4$

2)

x	12	-9	4	-11
f(x)	-96	72	-32	88

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

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

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

3)

x	-4	-2	3	1
f(x)	-4	2	9	4

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

b) $f(x) = -x(x + 3)$

c) $f(x) = 2x + 7$

4)

x	10	-8	7	-6
f(x)	-12	24	-6	20

a) $f(x) = -2(x - 4)$

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

c) $f(x) = 11x$

5)

x	2	0	-1	-4
f(x)	-13	-1	-4	-49

a) $f(x) = -8x^2$

b) $f(x) = 4x^2 + 5$

c) $f(x) = -3x^2 - 1$



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Answer key

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