



Function Table

Name _____

Score _____

FT:II:15

Complete the function tables.

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

x	0	4	-1	-3
f(x)				

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

x	-1	3	-4	1
f(x)				

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

x	2	-1	-2	0
f(x)				

Find the value of each function for $f(-1)$.

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

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

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

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



Function Table

Answer key

Name _____

Score _____

FT:II:15

Complete the function tables.

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

x	0	4	-1	-3
f(x)	0	-12	3	9

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

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

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

x	2	-1	-2	0
f(x)	0	3	16	0

Find the value of each function for $f(-1)$.

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

 0

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

 8

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

 20

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

 3