



# Function Table

Name \_\_\_\_\_

Score \_\_\_\_\_

FT:II:13

Complete the function tables.

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

x	-1	4	0	-3
f(x)				

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

x	-3	-1	2	1
f(x)				

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

x	2	3	-1	-2
f(x)				

Find the value of each function for  $f(-2)$ .

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

\_\_\_\_\_

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

\_\_\_\_\_

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

\_\_\_\_\_

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

\_\_\_\_\_



# Function Table

## Answer key

Name \_\_\_\_\_

Score \_\_\_\_\_

FT:II:13

Complete the function tables.

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

x	-1	4	0	-3
f(x)	<b>0</b>	<b>25</b>	<b>1</b>	<b>4</b>

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

x	-3	-1	2	1
f(x)	<b>0</b>	<b>12</b>	<b>0</b>	<b>0</b>

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

x	2	3	-1	-2
f(x)	<b>-4</b>	<b>-3</b>	<b>-7</b>	<b>-8</b>

Find the value of each function for  $f(-2)$ .

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

          **16**          

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

          **3**          

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

          **32**          

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

          **6**