Function Table

Name _____

Score _____

Complete the function tables.

1)   f(x) = x² − 1

x	−4	−1	2	1
f(x)				

2)   f(x) = 4x³

x	2	0	−1	−3
f(x)				

3)   f(x) = −x + 8

x	−1	4	−3	3
f(x)				

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

1)   f(x) = (x + 3)³   2)   f(x) = (x − 3) (x − 4) (x − 1)

_____   _____

3)   f(x) = 6(x − 1)   4)   f(x) = x(−x + 5)

_____   _____

Name _____

Function Table

Score _____

Answer key

FT:II:14

Complete the function tables.

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

x	−4	−1	2	1
f(x)	**15**	**0**	**3**	**0**

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

x	2	0	−1	−3
f(x)	**32**	**0**	**−4**	**−108**

3) $f(x) = -x + 8$

x	−1	4	−3	3
f(x)	**9**	**4**	**11**	**5**

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

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

64

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

0

3) $f(x) = 6(x - 1)$

0

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

4