FUNCTION TABLE

Name _____

Score _____

Complete the function tables.

1) $f(x) = 7(x^2 - 1)$

x	0		1	
f(x)		0		21

2) $f(x) = (x - 10)^3$

x	13	15		
f(x)			8	0

3) $f(x) = 4x$

x			−9	6
f(x)	−48	32		

4) $f(x) = (x + 3)(x - 4)(x + 9)$

x			−3	−7
f(x)	0	−120		

5) $f(x) = 2(x + 8)$

x		−16		−9
f(x)	−12		−4	

FUNCTION TABLE

Answer key

Complete the function tables.

1) $f(x) = 7(x^2 - 1)$

x	0	**−1**	1	**−2**
f(x)	**−7**	0	**0**	21

2) $f(x) = (x - 10)^3$

x	13	15	**12**	**10**
f(x)	**27**	**125**	8	0

3) $f(x) = 4x$

x	**−12**	**8**	−9	6
f(x)	−48	32	**−36**	**24**

4) $f(x) = (x + 3)(x - 4)(x + 9)$

x	**4**	**1**	−3	−7
f(x)	0	−120	**0**	**88**

5) $f(x) = 2(x + 8)$

x	**−14**	−16	**−10**	−9
f(x)	−12	**−16**	−4	**−2**