



Linear Functions - Function Table

Name _____

Score _____

FT:II:09

Complete the function tables.

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

x	0	2	-7	-2
f(x)				

2) $f(x) = 2x^2 - 5$

x	-6	-1	4	3
f(x)				

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

x	1	-4	2	-5
f(x)				

Find the value of each function.

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

$f(2) =$ _____

$f(-2) =$ _____

$f(-5) =$ _____

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

$f(-3) =$ _____

$f(0) =$ _____

$f(1) =$ _____



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Answer key

FT:II:09

Complete the function tables.

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

x	0	2	-7	-2
f(x)	0	-12	-147	-12

2) $f(x) = 2x^2 - 5$

x	-6	-1	4	3
f(x)	67	-3	27	13

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

x	1	-4	2	-5
f(x)	-9	26	-4	45

Find the value of each function.

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

$f(2) =$ **2**

$f(-2) =$ **70**

$f(-5) =$ **247**

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

$f(-3) =$ **-24**

$f(0) =$ **0**

$f(1) =$ **-4**