



# Quadratic Functions - Function Table

Name \_\_\_\_\_

Score \_\_\_\_\_

FT:II:11

Complete the function tables.

1)  $f(x) = 3x(5x - 6)$

x	4	-1		
f(x)			96	0

2)  $f(x) = 6 - x^2$

x			1	-5
f(x)	-30	-43		

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

x		0		-3
f(x)	4		13	

4)  $f(x) = (2x - 3)(2x + 5)$

x	0			
f(x)		33	65	-7

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

x	-8		-2	
f(x)		24		-1



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## Answer key

FT:II:11

Complete the function tables.

1)  $f(x) = 3x(5x - 6)$

x	4	-1	<b>-2</b>	<b>0</b>
f(x)	<b>168</b>	<b>33</b>	96	0

2)  $f(x) = 6 - x^2$

x	<b>-6</b>	<b>7</b>	1	-5
f(x)	-30	-43	<b>5</b>	<b>-19</b>

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

x	<b>-1</b>	0	<b>2</b>	-3
f(x)	4	<b>-1</b>	13	<b>38</b>

4)  $f(x) = (2x - 3)(2x + 5)$

x	0	<b>-4</b>	<b>-5</b>	<b>1</b>
f(x)	<b>-15</b>	33	65	-7

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

x	-8	<b>-6</b>	-2	<b>-1</b>
f(x)	<b>48</b>	24	<b>0</b>	-1