

9. [7 points]

a. [3 points] The table shows some of the values of a linear function $g(x)$

x	-2	1	5
$g(x)$	-1.2	2.7	A

What is the value of A ? Show all your work.

$A =$ _____

b. [4 points] The table shows some of the values of a quadratic function $q(x)$

x	-1	0	3	4
$q(x)$	0	6	0	-10

Find a formula for $q(x)$. Show all your work.

$q(x) =$ _____