



Second degré et polynômes

Exercice 4 : tableau de variation de fonctions.

Déterminer la fonction du second degré correspondant aux tableaux de variations suivants et aux valeurs données.

1) $f(0) = 1$

x	$-\infty$	-1	$+\infty$
f		2	

The table shows a parabola opening downwards with its vertex at $x = -1$ and $f = 2$. There are small squares at the ends of the f row, and arrows point from the vertex value 2 towards these squares.

2) $g(1) = 0$

x	$-\infty$	3	$+\infty$
g		-2	

The table shows a parabola opening upwards with its vertex at $x = 3$ and $f = -2$. There are small squares at the ends of the g row, and arrows point from the vertex value -2 towards these squares.