

Plotting quadratic graphs (1)



1) Fill in the table of values for each of the functions and plot the graphs.



2) Write down:

a) the equation of the line of symmetry a) b)

b) the turning point a) b)

c) the coordinates of the y-intercept a) b)

3) What have you noticed about those graphs?

a) $y = x^2 + x + 1$

X	-3	-2	-1	0	1	2	3
Y							

b) $y = -x^2 + x + 2$

X	-3	-2	-1	0	1	2	3
Y							

