

Maths HL9 Core - Drawing quadratics

1. Construct a table of values for $y = x^2 - 2x - 4$ of x from -2 to 4 and use the values to plot the graph
2. a) Construct a TOV for $y = 6 + 3x - x^2$ of x from -2 to 5 and use the values to plot the graph
b) On the same set of axis draw the graph $y = \frac{1}{2}x - 1$
c) Use your graph to solve $6 + 3x - x^2 = \frac{1}{2}x - 1$