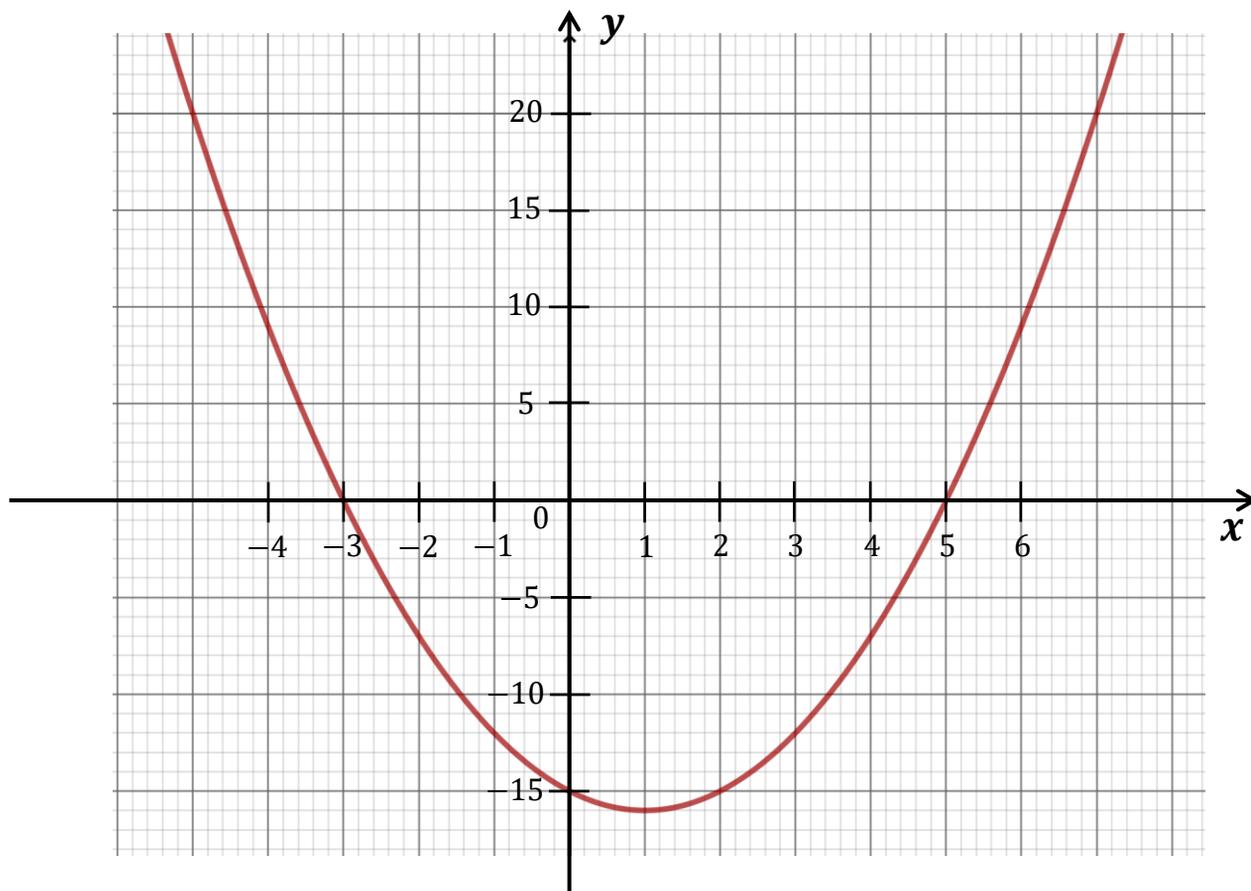


Quadratic Functions Using the graph



The graph above shows the plot for the function $y = x^2 - 2x - 15$

a) By drawing a suitable straight line, use your graph to find estimates for the solutions of:

$$x^2 - 2x - 15 = -7$$

Solution 1: _____

Solution 2: _____

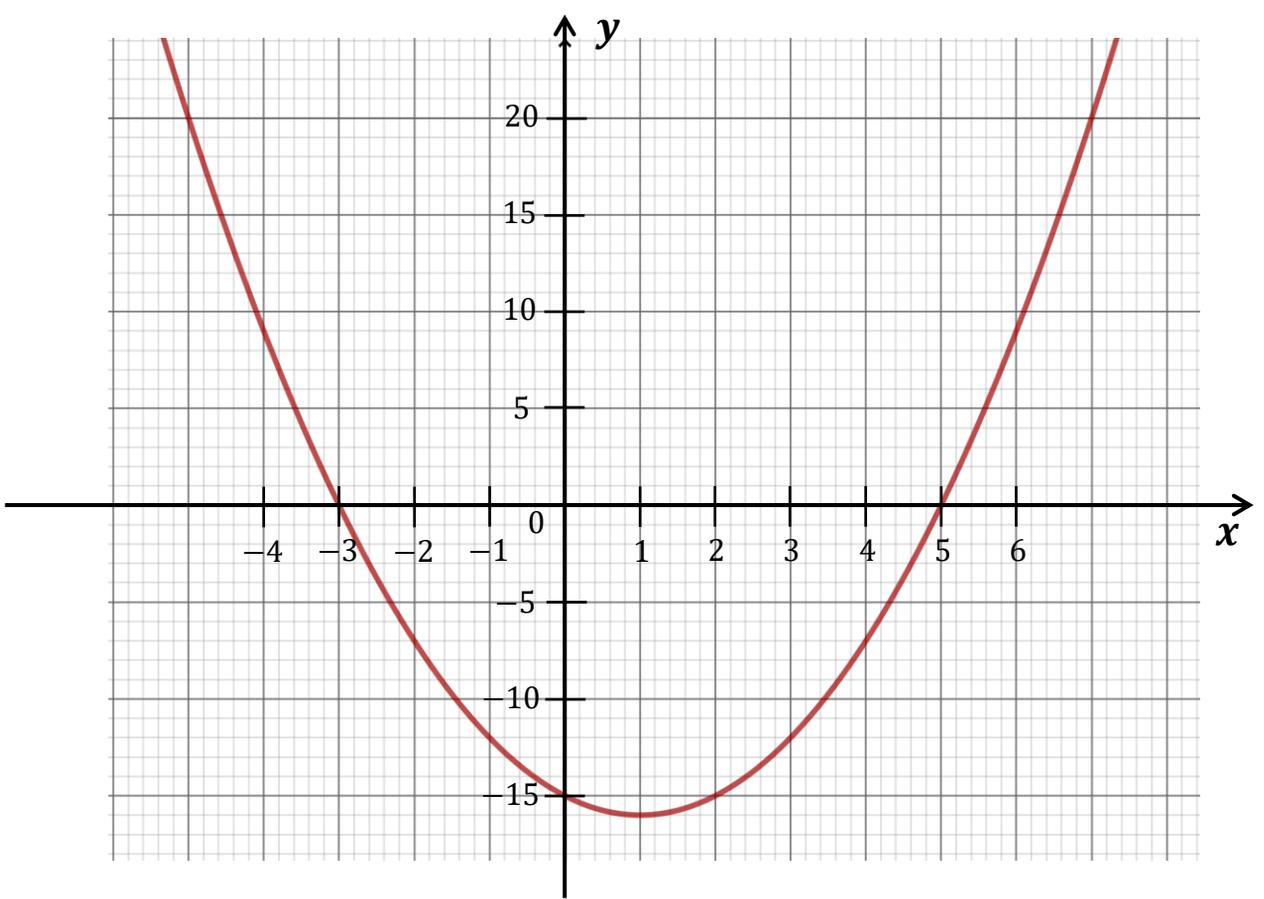
a) By drawing a suitable straight line, use your graph to find estimates for the solutions of:

$$x^2 - 5x - 10 = 0$$

Write down clearly the equation of the straight line you have drawn: $y =$ _____

Solution 1: _____

Solution 2: _____



c) The same graph is given as before. By drawing a suitable line, use your graph to find an

estimate for the solutions of $y = x^2 + 6x + 5$

Solution 1: _____

Solution 2: _____