

AQA, OCR, Edexcel

GCSE

GCSE Maths

Plotting Quadratics and Harder
Graphs Answers

Name:

M M E

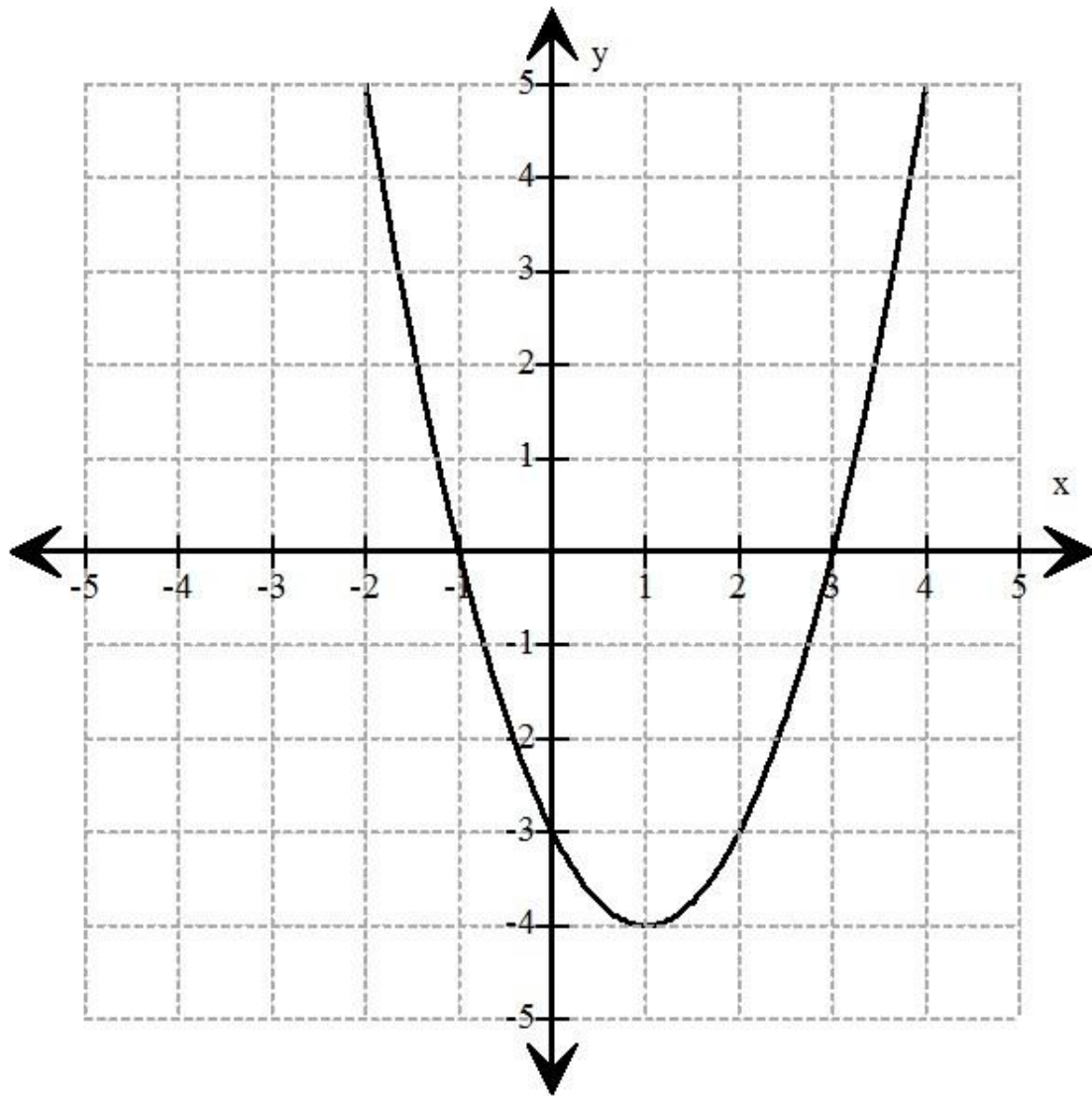
Mathsmadeeasy.co.uk

Total Marks: /18

Plotting Quadratics and Harder Graphs

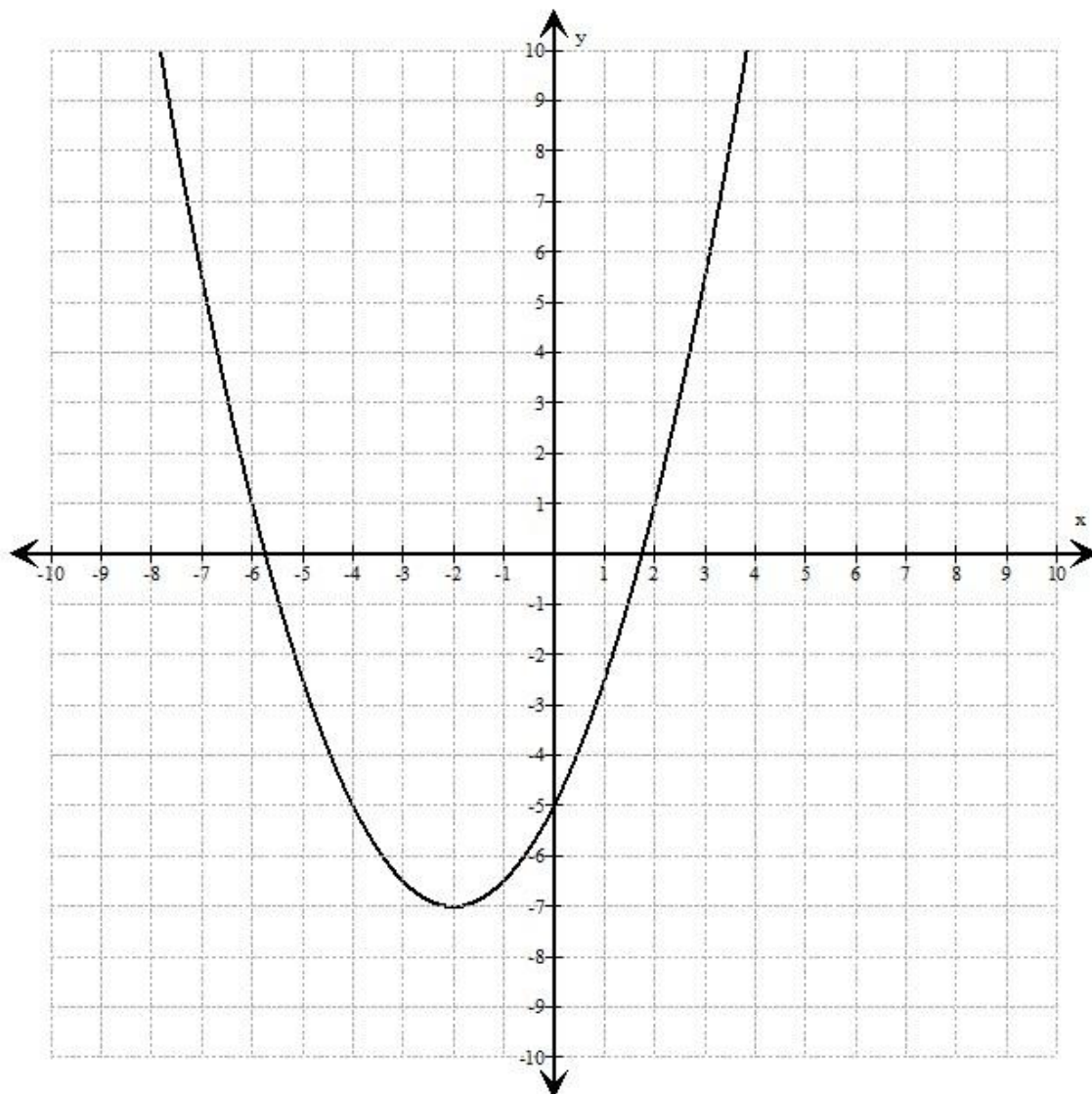
1. Plot the following equations onto the set of axes below:

a. $y = x^2 - 2x - 3$



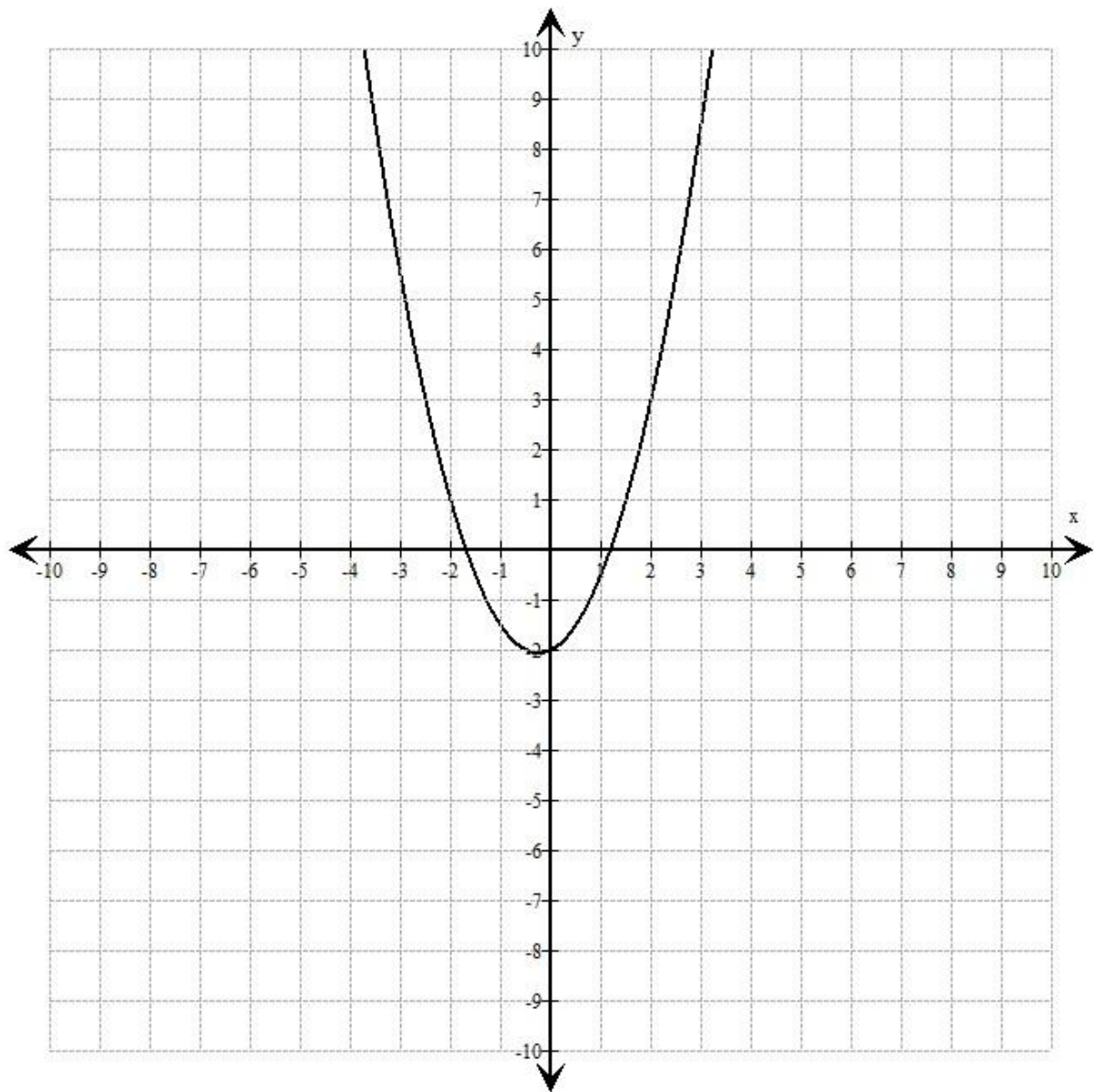
(4 Marks)

b. $y = 0.5x^2 + 2x - 5$



(4 Marks)

2. Use the axis below to answer the following questions:
- a. Plot the equation $y = x^2 + 0.5x - 2$ on the axis below



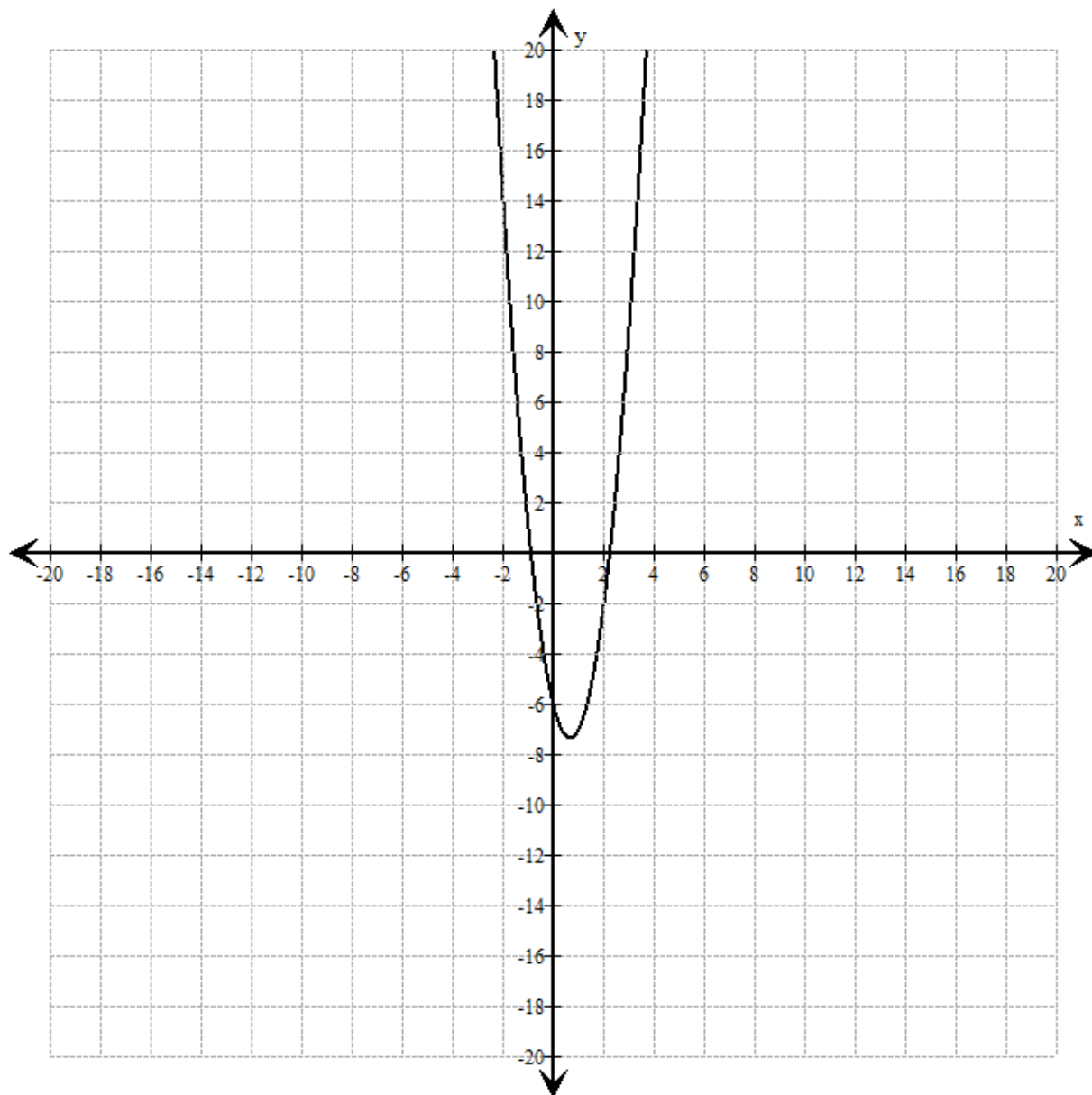
- b. Use the graph to estimation solutions to the equation

$$0 = x^2 + 0.5x - 2$$

$$x \approx -1.6, \quad x \approx 1.2$$

(6 Marks)

3. Plot the function with equation $y = 3x^2 - 4x - 6$ on the axis below.



(4 Marks)