AQA, OCR, Edexcel

GCSE

GCSE Maths

Specifying Regions with Inequalities Answers

Name:

MME

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Total Marks: /12

Specifying Regions with Inequalities

1. Specify a set of inequalities that bound each of the four regions drawn below:

(3 Marks)

    a. $y \leq 9 - x, \quad y \geq 1, \quad y \leq x + 10$

(3 Marks)

    b. $y \leq 9, \quad y \geq x + 2, \quad y > -2x - 1$

(3 Marks)

    c. $y \geq -3, \quad y \leq -x, \quad y < x - 1$

(3 Marks)

    d. $y \geq -6, \quad y \leq 7 - 2x, \quad y \leq x - 4$

(3 Marks)