

OCR Additional Maths Questions - Inequalities

1 Solve the inequality $3 - x < 4(x - 1)$. [3]

6 Solve the inequality $x^2 - 12x + 35 \leq 0$. [4]

1 (i) Find the range of values of x satisfying $x^2 - 4x + 3 \leq 0$. [3]

(ii) Show this range on the number line provided. [1]

2 Find the integers that satisfy the inequality $-7 < 3x + 1 < 12$. [4]

1 Solve the following.

$$-6 < 2x - 1 < 7 \quad [3]$$

5 Solve the inequality $x^2 + 4x > 5$. [5]

1 Solve the inequality $3(x + 2) > 2 - x$. [3]