

National 5 Mathematics

Arcs & Sectors - Questions - 2014-2017

Marks are indicated in brackets after each question number

2015 Paper 1 Question 2, (3)

Solve algebraically the inequality

$$11 - 2(1 + 3x) < 39$$

2016 Paper 1 Question 8, (3)

Solve the equation

$$\frac{2x}{3} - \frac{5}{6} = 2x.$$

Give your answer in its simplest form.

2017 Paper 1 Question 8, (3)

Solve, algebraically, the inequality

$$19 + x > 15 + 3(x - 2).$$