

# Linear Equations

## Question Paper

Course	Edexcel IGCSE Maths
Section	2. Equations, Formulae & Identities
Topic	Linear Equations
Difficulty	Medium

**Time allowed:** 50  
**Score:** /37  
**Percentage:** /100

**Question 1**

Solve  $\frac{5w - 8}{3} = 4w + 2$

[3 marks]

**Question 2**

Solve  $\frac{4(8x - 2)}{3x} = 10$

[3 marks]

**Question 3**

Solve  $\frac{15 - x}{5} = 3x + 11$

[3 marks]

**Question 4a**

Solve  $7(k-3) = 3k - 5$

[3 marks]

**Question 4b**

Solve  $\frac{7 - 3f}{4} = 2$

[3 marks]

**Question 5**

Solve  $\frac{11 - w}{4} = 1 + w$

[3 marks]

**Question 6**

Solve  $\frac{5 - x}{2} = 2x - 7$

[3 marks]

**Question 7**

Solve  $6x - 5 = \frac{4x - 7}{2}$

Show clear algebraic working.

x = .....

[3 marks]

**Question 8**

Solve  $4 - 3x = \frac{5 - 8x}{4}$

Show clear algebraic working.

x = .....

[3 marks]

**Question 9**

Solve  $3(2x - 5) = \frac{9 - x}{2}$

Show clear algebraic working.

$x = \dots\dots\dots$

**[4 marks]**

**Question 10**

Solve  $\frac{5x - 3}{4} = 2x + 3$

Show clear algebraic working.

$x = \dots\dots\dots$

**[3 marks]**

**Question 11**

Solve  $4(3x - 2) = 2x - 5$

$x = \dots\dots\dots$

**[3 marks]**