

# Linear Equations

## Difficulty: Easy

### Question Paper 1

Level	IGCSE
Subject	Maths (0580/0980)
Exam Board	CIE
Topic	Algebra and graphs
Sub-Topic	Linear Equations
Paper	Paper 2
Difficulty	Easy
Booklet	Question Paper 1

**Time allowed:** 28 minutes

**Score:** /22

**Percentage:** /100

#### Grade Boundaries:

##### CIE IGCSE Maths (0580)

A*	A	B	C	D	E
>88%	76%	63%	51%	40%	30%

##### CIE IGCSE Maths (0980)

9	8	7	6	5	4	3
>94%	85%	77%	67%	57%	47%	35%

## Question 1

Solve the equations.

(a)  $7 - 3n = 11n + 2$  [2]

(b)  $\frac{p - 3}{5} = 3$  [2]

## Question 2

Solve.

$2 - x = 5x + 1$  [2]

### Question 3

Solve the equation.

$$6(k - 8) = 78$$

[2]

### Question 4

Make  $a$  the subject of the formula  $s = ut + \frac{1}{2}at^2$ .

[3]

### Question 5

Solve.

$$5(w + 4 \times 10^3) = 6 \times 10^4$$

[2]

## Question 6

Solve the equation.

$$3(x + 4) = 2(4x - 1)$$

[3]

## Question 7

Solve the equation.

$$\frac{x+5}{x} = \frac{7}{3}$$

[3]

## Question 8

Solve the equation.

$$\frac{2x+5}{3} = 8$$

[3]