

# Factorising & Expanding

## Difficulty: Easy

### Question Paper 2

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

**Time allowed:** 31 minutes

**Score:** /24

**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

Factorise completely.

$$2x - 4x^2$$

[2]

### Question 2

Expand and simplify.

$$x(2x + 3) + 5(x - 7)$$

[2]

### Question 3

Factorise completely.

$$9x^2 - 6x$$

[2]

### Question 4

Factorise  $2x^2 - 5x - 3$ .

[2]

### Question 5

Factorise  $14p^2 + 21pq$ .

[2]

## Question 6

Factorise completely.

(a)  $ax + ay + bx + by$  [2]

(b)  $3(x - 1)^2 + (x - 1)$  [2]

## Question 7

Factorise Completely.

$15a^3 - 5ab$  [2]

## Question 8

Factorise completely.

(a)  $a + b + at + bt$  [2]

(b)  $x^2 - 2x - 24$  [2]

## Question 9

Factorise completely.

$12xy - 3x^2$  [2]

## Question 10

Factorise completely.

$$ap + bp - 2a - 2b$$

[2]