

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]