Expanding & Factorising Polynomials
Difficulty: Easy

Question Paper 1

Level	AS & A Level
Subject	Maths - Pure
Exam Board	Edexcel
Topic	Algebraic Expressions
Sub-Topic	Expanding & Factorising Polynomials
Difficulty	Easy
Booklet	Question Paper 1

Time allowed: **23 minutes**

Score: **/19**

Percentage: **/100**

Grade Boundaries:

A*	A	B	C	D	E	U
>76%	61%	52%	42%	33%	23%	<23%

Question 1

Factorise completely

$$x^3 - 4x^2 + 3x.$$ **(3)**

(Total 3 marks)

Question 2

Factorise completely

$$x^3 - 9x.$$ **(3)**

(Total 3 marks)

Question 3

Factorise completely $x - 4x^3$ **(3)**

(Total 3 marks)

Question 4

Factorise fully $25x - 9x^3$

(3)

(Total 3 marks)

Question 5

Factorise completely.

$$p^5x - 4q^5x$$

[3]

(Total 3 marks)

Question 6

Factorise

(a) $4x^2 - 9,$ [1]

(b) $4x^2 - 9x,$ [1]

(c) $4x^2 - 9x + 2.$ [2]

(Total 4 marks)