E2.5 Quadratic Equations

Question Paper

Level	IGCSE
Subject	Maths (0580)
Exam Board	Cambridge International Examinations (CIE)
Level	Core
Topic	E2. Algebra and Graphs
Sub-Topic	E2.5 Quadratic Equations
Booklet	Question Paper

Time Allowed: 8   minutes

Score: /7

Percentage: /100

Grade Boundaries:

A*	A	B	C	D	E	U
>85%	75%	60%	45%	35%	25%	<25%

1   **(a)**   Factorise completely.
$$18x^2 - 24x$$

.... [2]

(b)   Expand the brackets.
$$x(3x - 4)$$

.... [2]

2   **(a)**   Factorise.
$$3w^2 - 2w$$

Answer(a) .... [1]

(b)   Expand and simplify.
$$x(2x + 3) + 5(x - 7)$$

Answer(b) .... [2]