



Square & Cube Numbers

Mark Scheme 1

Level	IGCSE
Subject	Maths (0580)
Exam Board	Cambridge International Examinations (CIE)
Paper Type	Extended
Topic	Number
Sub-Topic	Square & Cube Numbers
Booklet	Mark Scheme 1

Time Allowed: 10 minutes

Score: /8

Percentage: /100

Grade Boundaries:

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

Question		Mark	Part marks
1	17	1	

2	$8x^6$ final answer	2	B1 for $8x^k$ or cx^6
---	---------------------	---	--------------------------------

3	$\begin{array}{r} \pm 11 \quad - \quad \pm 1331 \\ 14 \quad 196 \\ -7 \quad 49 \quad - \end{array}$	3	2 for 4 or 5 correct 1 for 2 or 3 correct	3
---	---	---	--	---

4	(a) 211 cao (b) 216 cao	1 1	
---	----------------------------	--------	--