



# Square & Cube Numbers

## Question Paper 1

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

1 Find the cube root of 4913.

..... [1]

2 Simplify.  $(32x^{10})^{\frac{3}{5}}$

..... [2]

3 Complete this table of squares and cubes.  
The numbers are not in sequence.

Number	Square	Cube
3	9	27
.....	121	.....
.....	.....	2744
.....	.....	-343

[3]

4                                    210      2            212      213      214      215      216

From the list of numbers, find

**(a)** a prime number,

*Answer(a)* ..... [1]

**(b)** a cube number.

*Answer(b)* ..... [1]

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