

Standard form

Difficulty: Easy

Question Paper 1

Level	IGCSE
Subject	Maths (0580/0980)
Exam Board	CIE
Topic	Number
Sub-Topic	Standard form
Paper	Paper 2
Difficulty	Easy
Booklet	Question Paper 1

Time allowed: 30 minutes

Score: /23

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

Write 5.17×10^{-3} as an ordinary number.

[1]

Question 2

Work out, giving your answer in standard form.

[2]

$$1.2 \times 10^{40} + 1.2 \times 10^{41}$$

Question 3

(a) Write 14 835 correct to the nearest thousand.

[1]

(b) Write your answer to **part (a)** in standard form.

[1]

Question 4

Write in standard form.

(a) 2 470 000

[1]

(b) 0.0079

[1]

Question 5

Write 1.27×10^{-3} as an ordinary number.

[1]

Question 6

Write 0.000 0574 in standard form.

[1]

Question 7

Write 1.7×10^{-4} as an ordinary number.

[1]

Question 8

Write 270000 in standard form.

[1]

Question 9

Write 53400000 in standard form.

[1]

Question 10

(a) Write 2.8×10^2 as an ordinary number. [1]

(b) Work out $2.5 \times 10^8 \times 2 \times 10^{-2}$.
Give your answer in standard form. [2]

Question 11

Work out $4 \times 10^{-5} \times 6 \times 10^{12}$.
Give your answer in standard form. [2]

Question 12

$$p = 4 \times 10^5 \quad q = 5 \times 10^4$$

Find, giving your answer in standard form,

(a) pq , [2]

(b) $\frac{q}{p}$. [2]

Question 13

The price of a ticket for a football match is \$124. [1]

(a) Calculate the amount received when 76 500 tickets are sold.

(b) Write your answer to **part (a)** in standard form. [1]