Numbers & Accuracy Difficulty: Easy

Question Paper 2

Level	IGCSE
Subject	Maths (0580/0980)
Exam Board	CIE
Topic	Number
Sub-Topic	Numbers & Accuracy
Paper	Paper 2
Difficulty	Easy
Booklet	Question Paper 2

Time allowed: **35 minutes**

Score: **/27**

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%

By writing each number correct to 1 significant figure, estimate the value of $\dfrac{\sqrt{3.9} \times 29.3}{8.9 - 2.7}$.

Show all your working.

[2]

Question 2

Work out the highest common factor (HCF) of 36 and 90.

[2]

Question 3

Write down the difference in temperature between 8°C and −9°C.

[1]

Question 4

Write 168.9 correct to 2 significant figures. [1]

Question 5

11   12   13   14   15   16

From the list of numbers, write down

(a) the factors of 60,

[1]

(b) the prime numbers. [1]

Question 6

At noon the temperature was 4 °C.
At midnight the temperature was –5.5 °C.

[1]

Work out the difference in temperature between noon and midnight.

(a) Write 30 as a product of its prime factors.

[2]

(b) Find the lowest common multiple (LCM) of 30 and 45.

[2]

Question 8

Find the lowest common multiple (LCM) of 24 and 32.

[2]

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Question 9

Write 15.0782 correct to

(a) one decimal place,

[1]

(b) the nearest 10.

[1]

Insert **one pair** of brackets only to make the following statement correct.

$$6 + 5 \times 10 - 8 = 16$$

[1]

Question 11

(a) Write 90 as a product of prime factors. [2]

(b) Find the lowest common multiple of 90 and 105. [2]

$$p = \frac{4.8 \times 1.98276}{16.83}$$

(a) In the spaces provided, write each number in this calculation correct to 1 significant figure.

[1]

(b) Use your answer to **part (a)** to estimate the value of p.

[1]

Question 13

(a) Write 569000 correct to 2 significant figures.

[1]

(b) Write 569 000 in standard form.

[1]

Question 14

March 2011, the average temperature in Kiev was 3°C.
In March 2012, the average temperature in Kiev was 19°C lower than in March 2011.

Write down the average temperature in Kiev in March 2012.

[1]