

Revision Sheet

IGCSE Mathematics · Unit 1 Number

24 vocabulary items · 29 marks of exam questions (11 questions)

Part 1 · Vocabulary review (24 items). The terms this unit is examined on most. Mark it yourself from the answer key.

Section A · Chinese to English

Write the English word.

1.		[1]
2.		[1]
3.		[1]
4.		[1]
5.		[1]
6.		[1]
7.		[1]
8.		[1]
9.		[1]
10.		[1]
11.		[1]
12.		[1]
13.		[1]
14.		[1]
15.		[1]
16.		[1]
17.		[1]

18.		[1]
19.		[1]
20.		[1]
21.		[1]
22.		[1]
23.		[1]
24.		[1]

Part 2 · Exam questions (29 marks, 11 questions) begins on the next page. They are ordered easy to difficult and none of them has been set before.

25 (a) Find the value of the reciprocal of $\frac{1}{3}$.

..... [1]

(b) Write 2^{-3} as a fraction.

..... [1]

26 Write these numbers in order, starting with the smallest.

34% π $\frac{1}{3}$ 3 $\frac{3}{10}$

.....<.....<.....<.....<..... [2]

smallest

27 A bag of sweets costs \$0.34 .
Arun buys 10 bags of sweets.

Work out how much change he receives from \$5.

\$ [2]

28 (a) Write the number 83 042 in words.

..... [1]

(b) Write down the value of the 7 in the number 346 709.

..... [1]

(c) Write 8453 correct to

(i) the nearest hundred

..... [1]

(ii) the nearest ten.

..... [1]

29

⌘

A

B

On the Venn diagram, shade the region $A \cup B$.

[1]

30

Jonah has \$750.

He spends $\frac{1}{4}$ of this money on travel and some of this money on food.

He now has \$437.50 .

Work out the fraction of the \$750 he spends on food.

..... [3]

31 Complete these statements.

65 000 centimetres = metres

3.25 litres = millilitres [2]

32 Calculate.

(a) $\sqrt{\frac{8.4^2 + 9.3}{26.5}}$

..... [1]

(b) 4^{-3}

..... [1]

33 Calculate 19% of \$46.25 .
Give your answer correct to the nearest cent.

\$ [2]

34 (a) A train to town *P* leaves a station every 20 minutes.
A train to town *Q* leaves the same station every 35 minutes.
Both trains leave at 09 30.

Find the next time both trains leave together.

..... [3]

(b) The distance, *d* km, between town *P* and town *Q* is 97 km, correct to the nearest kilometre.

Complete the statement about the value of *d*.

..... $\leq d <$ [2]

4.6×10^3

35 The stem-and-leaf diagram shows the age of each of 16 adults.

3	2	3	3	5	6	7	
4	0	1	5	5	6	8	9
5	1	1	1				

Key: 3 | 2 represents age 32 years

(a) Find the mode.

..... years [1]

(b) Find the median.

..... years [1]

(c) Find the percentage of the 16 adults with an age of less than 38 years.

..... % [2]