



International Competitions and Assessments for Schools

DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED.

STUDENT'S NAME:

Read the instructions on the **ANSWER SHEET** and fill in your **NAME, SCHOOL** and **OTHER INFORMATION**.

Use a 2B or B pencil

Do **NOT** use a pen.

Rub out any mistakes completely.

You MUST record your answers on the ANSWER SHEET.

MATHEMATICS

Mark only **ONE** answer for each question. Your score will be the number of correct answers. Marks are **NOT** deducted for incorrect answers.

MULTIPLE-CHOICE QUESTIONS:

Use the information provided to choose the **BEST** answer from the four possible options.

On your ANSWER SHEET fill in the oval that matches your answer.

FREE-RESPONSE QUESTIONS:

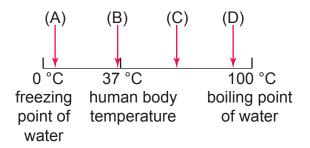
Write your answer in the boxes provided on the **ANSWER SHEET** and fill in the oval that matches your answer

You may use a ruler and spare paper. You are **NOT** allowed to use a calculator.

Educational Assessment

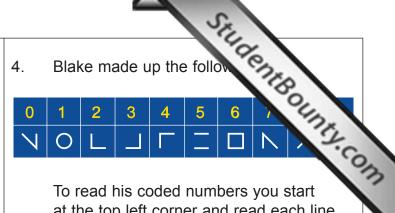
1. Below is a temperature scale ranging from 0 °C to 100 °C.

> Which point on the scale would be closest to the temperature of an ice-cream?



- 2. 5 × 50 =
 - (A) 2500
 - (B) 1000
 - (C) 250
 - 100 (D)
- 3. Which one of the following numbers is four hundred thousand, six hundred and two?
 - (A) 400062
 - (B) 400602
 - (C) 406002
 - (D) 406602

Blake made up the follow 4.



To read his coded numbers you start at the top left corner and read each line from left to right.

Which of the following codes correctly shows the number 957 286 304?



(A)



(B)



(D)

QUESTION 5 IS FREE RESPONSE.

Write your answer in the boxes provided on the ANSWER SHEET and fill in the ovals that match your answer.

5. A cube has a volume of 343 cm³.

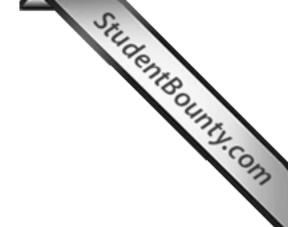


What is the **sum** of the lengths of the edges of the cube, in cm?

Student Bounts, com This page may be used for working.

Acknowledgment

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The following year levels should sit THIS Paper:

Australia	Year 7
Brunei	Form 1
Hong Kong	Form 1
Indonesia	Year 8
Malaysia	Form 1
New Zealand	Year 8
Pacific	Year 7
Singapore	Primary 6
South Africa	Grade 7





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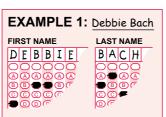




HOW TO FILL OUT THIS SHEET:

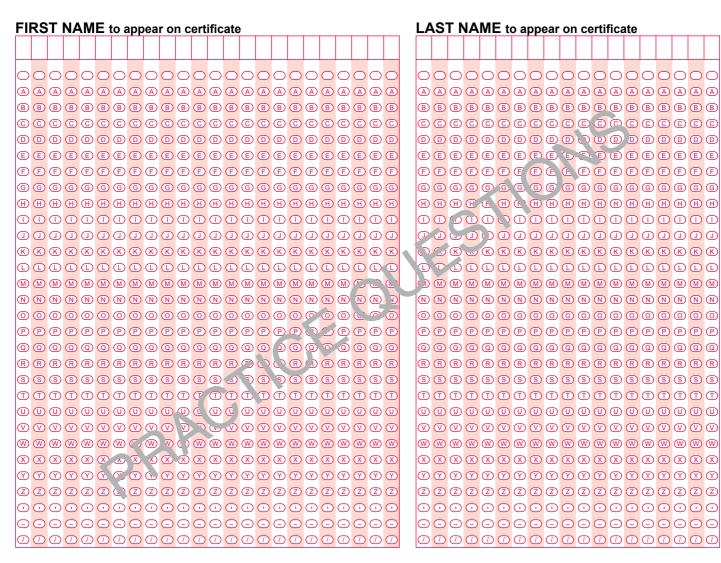


- Rub out all mistakes completely.
- Print your details clearly in the boxes provided.
- Make sure you fill in only one oval in each column.



EXAMPLE 2: Chan Ai Beng							
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EXAMPLE 3: Jamal bin Abas														
FIR	FIRST NAME LAST NAME													
J	Α	M	Α	L		В	Ι	Ν		Α	В	Α	S	7
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(D)	(D)	0	(D)	(D)	യ	(1				(D)	(D,			



Are you male Male		
Does anyone Yes	in your home us No	sually speak a language other than English?
School name:	:	

DATE OF BIRTH								
Da	ay	Мо	nth	Year				
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1	1	1	1	1	1			
2	2		2	2	2			
3	3		3	3	3			
	4		4	4	4			
	(5)		(5)	(5)	(5)			
	6		6	6	6			

CLASS (optional)

A K
B L
C M
D N
E O
F P
G O

TO ANSWER THE QUESTIONS

MULTIPLE CHOICE

Example: 6 + 4 =

- 2 (A)
- (B) 9

10 (C) **START**

(D) 24

FREE RESPONSE

Example: 6 + 6 =

USE 2B OR B PENCIL

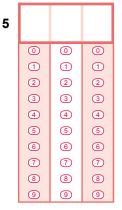
- The answer is 12, so WRITE your answer in the boxes.
- Write only ONE digit in each box, as shown, and fill in the correct oval, as shown.

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<u>ITE</u> your		1	2		
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The answer is 10, so fill in the oval ©, as shown.

(A) (B)	D
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1	A	B	©	D
2	A	B	©	D
3	A	B	©	D
4	(A)	(B)	(C)	(D)



QUESTION	KEY	SOLUTION	STRAND	Child OF TY
1	A	The temperature of an ice-cream is very close to the freezing point of water (0 °C). Noticing the given scale, the closest point to 0 °C is option A.	Measurement	OF TTY Easy
2	С	Multiplying 5 by 50 gives 250.	Number and Arithmetic	Easy
3	В	This number should have 6 digits. If we write it using expanded notation, we should have $400\ 000\ +\ 600\ +\ 2$. In other words, it is $400\ 602$.	Number and Arithmetic	Easy
4	С	Reading the code from left to right from the upper left corner and using the key provided, option C is the only code that shows correctly all digits of the given number.	Number and Arithmetic	Easy
5	84	If a cube has a volume of 343 cm^3 then its edge length is 7 cm. There are 12 edges on a cube, so the total length of the edges is $7 \times 12 = 84 \text{ cm}$	Measurement	Hard

Level of difficulty refers to the expected level of difficulty for the question.

Easy more than 70% of candidates will choose the correct option

Medium about 50–70% of candidates will choose the correct option

Medium/Hard about 30–50% of candidates will choose the correct option

Hard less than 30% of candidates will choose the correct option

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