



COMPUTATIONAL AND  
ALGORITHMIC THINKING

## CERTIFICATE OF HIGH DISTINCTION

Haziq Hairil

School Of Science And Technology

Year Nine

Intermediate Division

2022



A handwritten signature in black ink, reading 'David Clark'.

Dr David Clark  
Chairman  
CAT Problems Committee

A handwritten signature in black ink, reading 'Nathan Ford'.

Nathan Ford  
Chief Executive Officer  
Australian Maths Trust

## **THE CAT SCORING SYSTEM**

- **Part A** — 3 points for correct response, 0 points for incorrect or no response.
- **Part B** — 2 points for correct response, 0 points for incorrect or no response.

## **AWARD ALLOCATION**

In each year group, certificates of merit have been awarded to approximately the top 50% of students sitting the competition. As a general rule, the top 2% of students receive High Distinction certificates, the next 13% receive Distinction certificates and the next 35% receive Credit certificates. The remaining students receive a certificate of Participation. These percentages may vary slightly according to the number of students in a group and the score distribution.



**AUSTRALIAN MATHS TRUST**

170 Haydon Drive, Bruce ACT 2617 Australia  
P +61 2 6201 5136 | [www.amt.edu.au](http://www.amt.edu.au)

AMTT Limited ACN 083 950 341  
Copyright © 2022 Australian Mathematics Trust

12/09/2022

Haziq Hairil  
Year Nine, School Of Science And Technology  
1 Technology Drive , SINGAPORE 138572  
School Code 58293

Dear Haziq

Congratulations. You were one of several thousand students who entered the 2022 Computational and Algorithmic Thinking competition. The following table shows your results.

Your score is: Question	1 - 6	18 points
	7 - 9	12 points
making a total of		30 points

This earns you a High Distinction certificate and places you in the top 2% of your year.

### Your Intermediate Division Paper Results

Question	1	2	3	4	5	6
Correct Answer	B	A	B	D	A	E
Your Response	✓	✓	✓	✓	✓	✓

Question	7a	7b	7c	8a	8b	8c	9a	9b	9c
Correct Answer	9	47	143	9	15	11	4	6	6
Your Response	✓	✓	✓	✓	✓	✓	8	32	16

Correct answers get a tick (✓), incorrect answers show what response you gave. If you made more than one response '\*' is displayed. If you did not answer a question '-' is displayed. See the back of your certificate for a description of the scoring system.

Congratulations again on your participation in the 2022 Computational and Algorithmic Thinking competition.

Yours sincerely

Nathan Ford  
Chief Executive Officer  
Australian Maths Trust



**AUSTRALIAN MATHS TRUST**

170 Haydon Drive, Bruce ACT 2617 Australia  
P +61 2 6201 5136 | [www.amt.edu.au](http://www.amt.edu.au)

AMTT Limited ACN 083 950 341  
Copyright © 2022 Australian Mathematics Trust