



9	M	E	3	(	A	)
---	---	---	---	---	---	---

↑
Please stick the barcode label in the box.

Education Bureau
Territory-wide System Assessment 2025
Secondary 3 Mathematics
ANSWER BOOKLET

INSTRUCTIONS

1. Write your School Code, Class and Class Number in the boxes provided on this page.
2. Stick barcode labels in the spaces provided on page 1 and page 3.
3. Time allowed is 65 minutes.
4. Write ALL your answers in the spaces provided in this ANSWER BOOKLET.
5. Do not write in the margins.
6. Unless otherwise specified, numerical answers should be either exact or correct to 3 significant figures.
7. The use of HKEAA approved calculators is permitted.
8. Rough work should be done on the rough work sheet provided.

**School
Code**

S			
---	--	--	--

Class

3	
---	--

**Class
No.**

--	--

↑
Write one capital
letter in this box.

SECTION A: Multiple Choice Questions

MC Questions - Blacken the circle under the correct answer
with an **HB pencil**. For example :

A	B	C	D
●	○	○	○

1.

A B C D

○ ○ ○ ○
2.

A B C D

○ ○ ○ ○
3.

A B C D

○ ○ ○ ○
4.

A B C D

○ ○ ○ ○
5.

A B C D

○ ○ ○ ○
6.

A B C D

○ ○ ○ ○
7.

A B C D

○ ○ ○ ○
8.

A B C D

○ ○ ○ ○
9.

A B C D

○ ○ ○ ○
10.

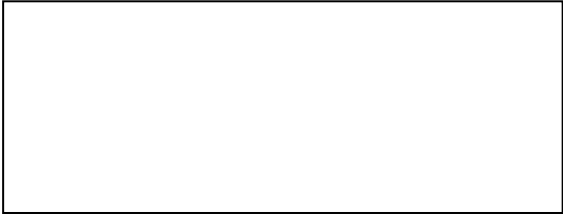
A B C D

○ ○ ○ ○

Please do not write in the margin.

Please do not write in the margin.

Please stick the barcode label in the box. →



Please do not write in the margin.

11. A B C D

☐ ☐ ☐ ☐

12. A B C D

☐ ☐ ☐ ☐

13. A B C D

☐ ☐ ☐ ☐

14. A B C D

☐ ☐ ☐ ☐

15. A B C D

☐ ☐ ☐ ☐

16. A B C D

☐ ☐ ☐ ☐

17. A B C D

☐ ☐ ☐ ☐

18. A B C D

☐ ☐ ☐ ☐

19. A B C D

☐ ☐ ☐ ☐

20. A B C D

☐ ☐ ☐ ☐

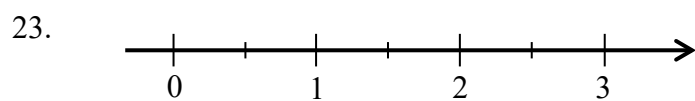
Please do not write in the margin.

SECTION B: Write your answers in the spaces provided. Working need not be shown.

21. (i) _____

(ii) _____

22. _____



24. The marked price of the novel is _____ .

25. $x =$ _____

$y =$ _____

26. _____

27. _____

28. _____

29. _____

30. _____

31. $x =$ _____

Please do not write in the margin.

Please do not write in the margin.

32. $x =$ _____

33. _____

34. $HK =$ _____ units

35. $\theta =$ _____

36.

Table 1	
Number of patients	Frequency
0 – 14	
15 – 29	
30 – 44	6
45 – 59	

Table 2	
Number of patients	Frequency
0 – 19	
20 – 39	
40 – 59	3

37. (a) The total number of visitors to the theme park last week was _____ .

(b) The difference between the highest and lowest incomes of the theme park last week was _____ million dollars.

38. Mean = _____

Median = _____

39. The modal class of the travelling time of Class 3A students from home to school is _____ minutes – _____ minutes.

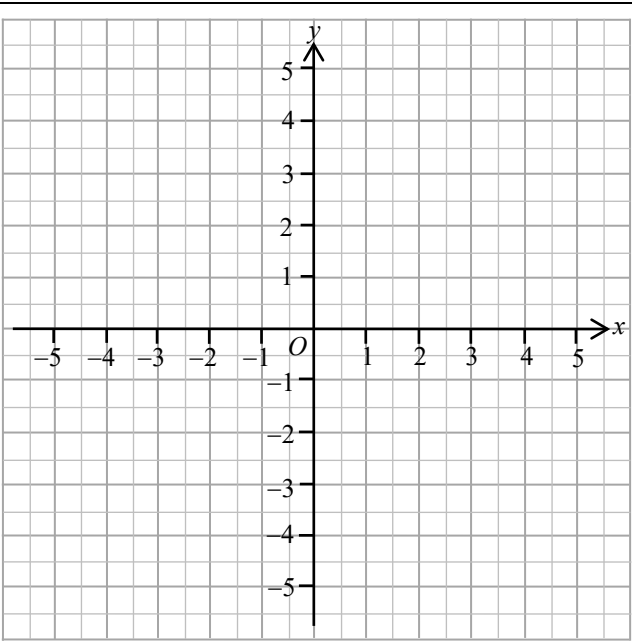
SECTION C: Answer in the spaces provided.
 All working and conclusions must be clearly shown.

40.

41.

$$y = -\frac{2}{3}x + 1$$

x	-3	0	3
y		1	



42.

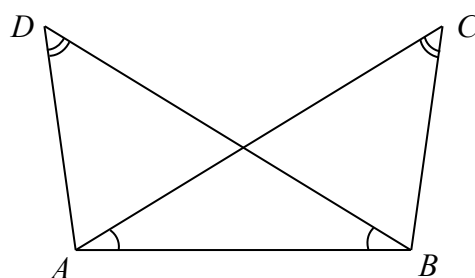
Please do not write in the margin.

Please do not write in the margin.

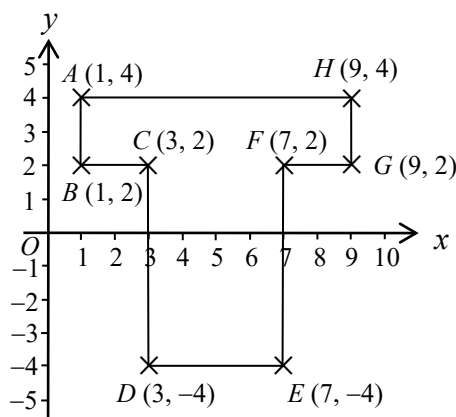
Please do not write in the margin.

43.

44.



45.



Please do not write in the margin.

Please do not write in the margin.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no text or other markings on the paper.

(a)

		Units digit		
		1	4	8
Tens digit	1	11		18
	4		44	48
	8	81	84	

(b) The required probability is _____ .

END OF PAPER