* 9 M E 4 *

9	M	E	4	(	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
●	○	○	○

	A	B	C	D
1.	○	○	○	○
2.	○	○	○	○
3.	○	○	○	○
4.	○	○	○	○
5.	○	○	○	○
6.	○	○	○	○
7.	○	○	○	○
8.	○	○	○	○
9.	○	○	○	○
10.	○	○	○	○

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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
	○	○	○	○

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

21. _____

22. (i) _____

(ii) _____

23. a = _____

24. The marked price of the novel is _____ .

25. Number of basketballs : Number of footballs : Number of volleyballs

= _____ : _____ : _____

26. The value of the 3rd term of the sequence is _____ .

27. The coefficient of x in the polynomial is _____ .

28. _____

29. _____

30. h = _____

31. _____

32. The volume of the circular cone is _____ .

33. x = _____

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34. $x =$ _____

35. $x =$ _____

36. The compass bearing of Q from P is _____ .

37. (a) The fast-food chain has _____ branches.

(b) The highest-selling branch of the fast-food chain sold _____ hamburgers.

(c) The mode of the sale of hamburgers at each branch of the fast-food chain yesterday was _____ .

38. Mean = _____

Median = _____

39. The required relative frequency = _____

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

40.

∴ Jackie * **had** / **did not have** enough money to buy all 3 items.

(*Circle the correct answer)

41.

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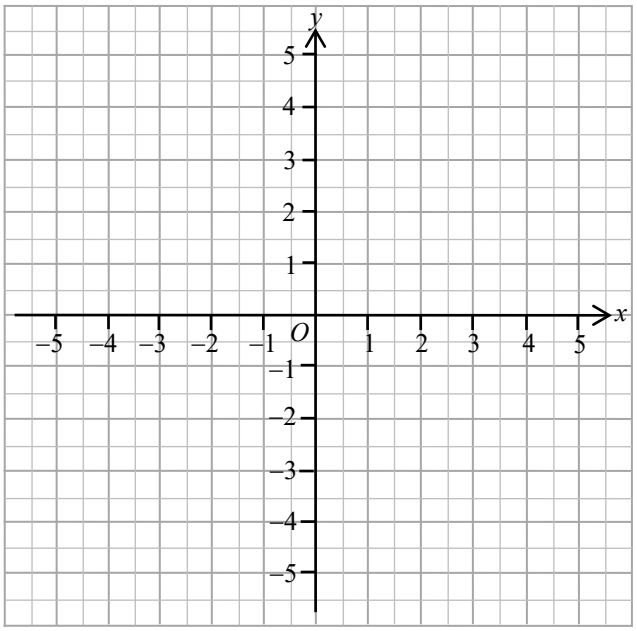
42. $2x + 3y - 3 = 0$

x	-3	0	3
y		1	



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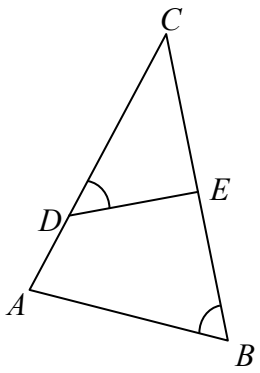
43.

44.



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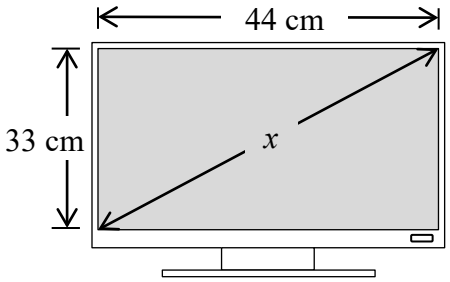

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46.

47. (a)

Number of voluntary services	1 – 2	3 – 4	5 – 6	7 – 8	9 – 10
Class mark	1.5		5.5		9.5
Frequency	15	14	3	6	2

(b)

END OF PAPER

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