9	M	E	4	(	A	)

Please stick the barcode label in the box.

Education Bureau
Territory-wide System Assessment 2024
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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Please stick the barcode label in the box. →

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Please do not write in the margin.

	A	B	C	D
11.	○	○	○	○
12.	○	○	○	○
13.	○	○	○	○
14.	○	○	○	○
15.	○	○	○	○
16.	○	○	○	○
17.	○	○	○	○
18.	○	○	○	○
19.	○	○	○	○
20.	○	○	○	○

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

21. _____

22. (i) _____ represents that there are 8 000 tourists arriving in city A.

(ii) _____ represents that there are 2 000 tourists leaving city B.

23. a = _____

24. The selling price of the tablet computer is _____.

25. Number of apples : Number of mangoes = _____ : _____

26. The value of the 5th term of the sequence is _____ .

27. The power of the polynomial is _____.

28. _____

29. _____

30. a = _____

31. _____

32. The volume of the prism is _____.

33. x = _____

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Please do not write in the margin.

34. $x =$ _____

35. $x =$ _____

36. The bearing of Q from O is _____.

37. (a) The basketball team played _____ matches last year.

(b) The lowest score of the basketball team in the matches last year was _____.

(c) The median score of the basketball team in the matches last year 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.

∴ Mr Chan * **has** / **does not have** enough money.

(*Circle the correct answer)

41.

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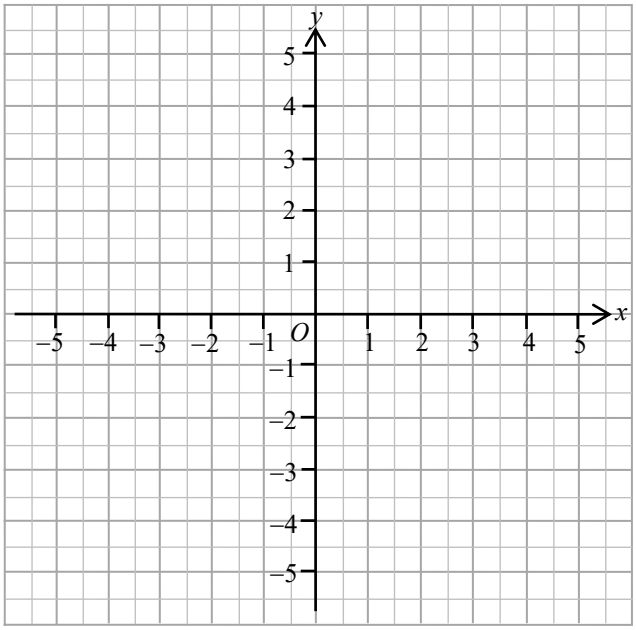
42. $y = \dfrac{3x - 8}{4}$

x	-4	0	4
y		-2	



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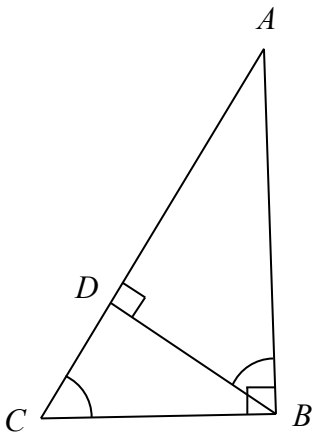
43.

44.



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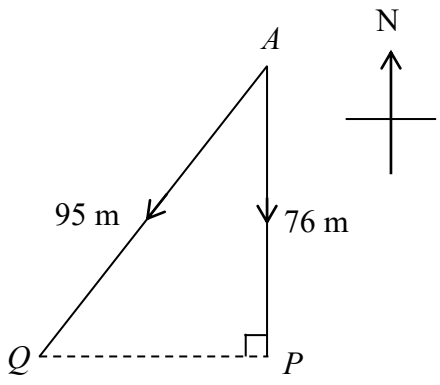

46.

47. (a)

Weight (kg)	3.0 – 3.9	4.0 – 4.9	5.0 – 5.9	6.0 – 6.9
Class mark (kg)	3.45			6.45
Frequency	4	8	16	12

(b)

END OF PAPER

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