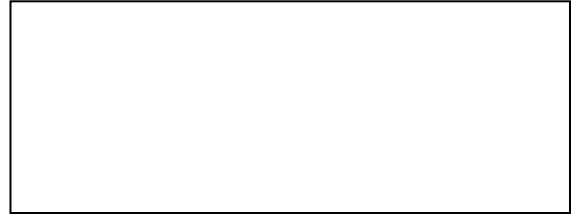




9	M	E	1	(A)
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↑
Please stick the barcode label in the box.

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			
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Class

3	
---	--

Class No.

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↑
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. _____

22. _____

23. The restaurant sold _____ lunch sets yesterday.

24. *Circle the correct answer (i) * Direct proportion / Inverse proportion

(ii) * Direct proportion / Inverse proportion

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

26. The diameter = _____ m

27. _____

28. _____

29. _____

30. $a =$ _____

Please do not write in the margin.

Please do not write in the margin.

Please do not write in the margin.

31. _____

32. * Circle the correct answer(s) * Solid P / Solid Q / Solid R

33. _____

34. (a) $m =$ _____

(b) $n =$ _____

35. _____

36. $x =$ _____

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. (a) The school has _____ students.

(b) There were _____ students who spent less than 3 hours on physical exercise last week.

39. The weighted mean price index of these four types of household expenditure of the city in the previous year is _____.

Please do not write in the margin.

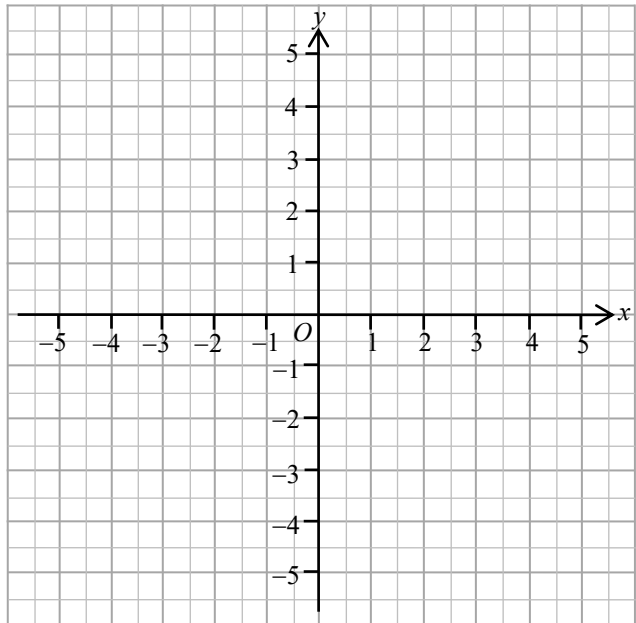
SECTION C: Answer in the spaces provided.
All working and conclusions must be clearly shown.

40.

41.

$$y = \frac{3x - 8}{4}$$

x	-4	0	4
y		-2	



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.

The diagram shows a triangle CDE . A horizontal line AB passes through vertex E . A line segment FE extends upwards from E . The angle $\angle FED$ is labeled 115° . The angle $\angle CED$ is labeled 73° . The angle $\angle C$ is labeled 42° .

Please do not write in the margin.

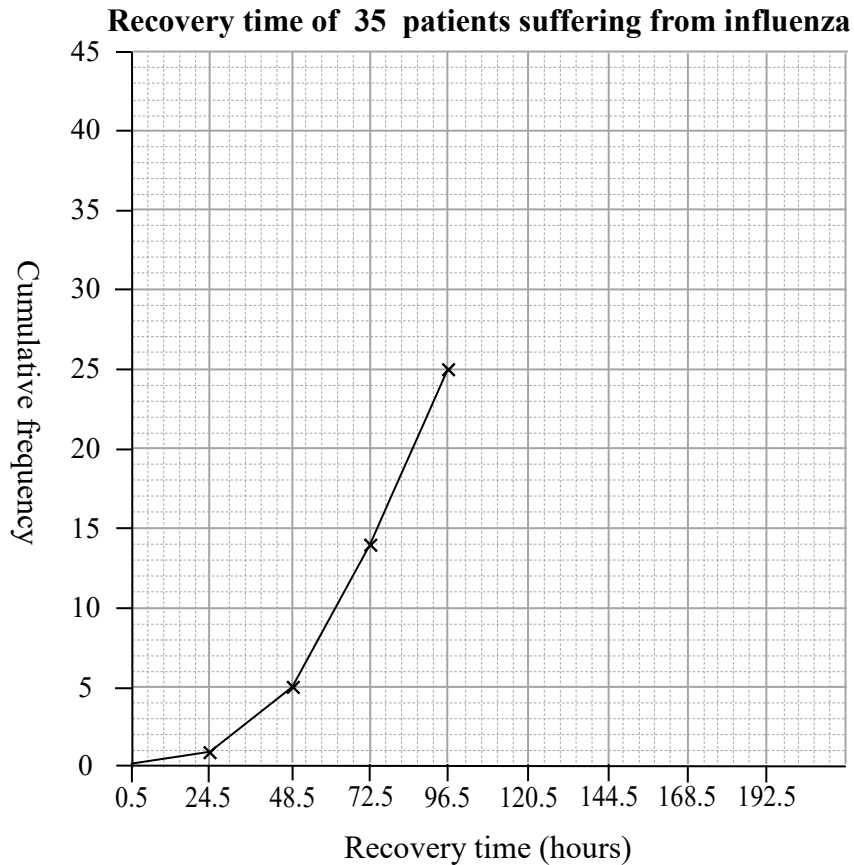
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46.

(a)

Recovery time less than (hours)	24.5	48.5	72.5	96.5	120.5	144.5	168.5
Cumulative frequency	1	5	14	25			

(b)



Please do not write in the margin.

47.

Reason:

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∴ I * **agree** / **disagree** with the manager. (* Circle the correct answer)

END OF PAPER