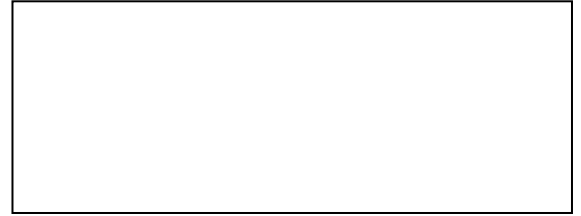




9	M	E	1	(	A	)
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↑  
Please stick the barcode label in the box.

**Education Bureau**  
**Territory-wide System Assessment 2026**  
**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	
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**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.  $A =$  \_\_\_\_\_

$B =$  \_\_\_\_\_

$C =$  \_\_\_\_\_

23. The percentage change in the number of students in the school is \_\_\_\_\_ .

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

(ii) \* Direct proportion / Inverse proportion

25. The number of fans of Team  $A$  : The total number of fans of both teams

$=$  \_\_\_\_\_ : \_\_\_\_\_

26. \_\_\_\_\_ seconds

27. \_\_\_\_\_

28. \_\_\_\_\_

29. \_\_\_\_\_

30.  $W =$  \_\_\_\_\_

31. \_\_\_\_\_

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Please do not write in the margin.

Please do not write in the margin.

32. \* Cone *A* / Cone *B* / Cone *C* (\* Circle the correct answer)

33. \* *ADBC* / *BCDA* / *CBAD* (\* Circle the correct answer(s))

34.  $x =$  \_\_\_\_\_

$y =$  \_\_\_\_\_

35. \_\_\_\_\_

36.  $x =$  \_\_\_\_\_

37. (a)

Daily rainfall (mm)	0 – 15	15 – 30	30 – 45	45 – 60	60 – 75	75 – 90	90 – 105
Frequency		6		7	4	4	

(b) There were \_\_\_\_\_ days in July with rainfall of not less than 75 mm .

(c) The modal class of the daily rainfall for July was

\_\_\_\_\_ mm – \_\_\_\_\_ mm .

38. (a) The median of the standing long jump results of 30 students was

\_\_\_\_\_ cm .

(b) There were \_\_\_\_\_ students in that group who needed to attend the Fitness Enhancement Class.

39. The weighted mean score of Supplier *A* is \_\_\_\_\_ .

Please do not write in the margin.

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

40.

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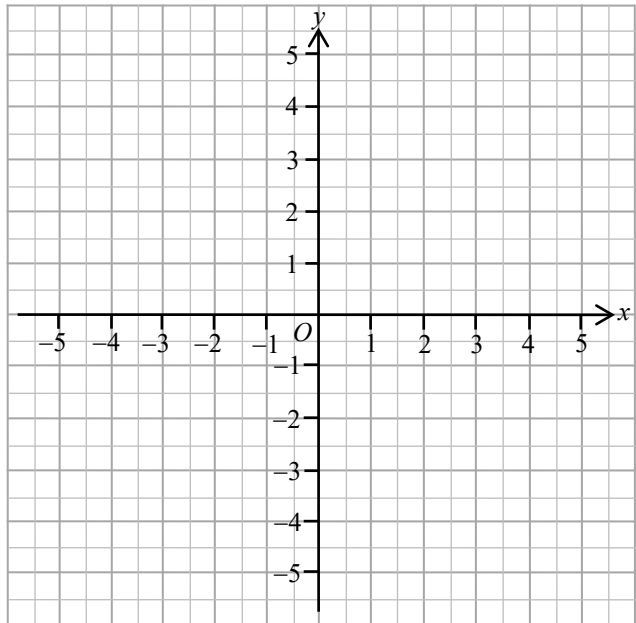
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41.

$$2x - 3y - 6 = 0$$

$x$	-3	0	3
$y$		-2	



42.

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43.

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44.

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45.

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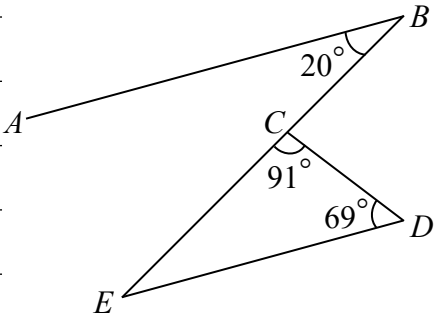
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The diagram shows two triangles,  $\triangle ABC$  and  $\triangle CDE$ , sharing a common vertex  $C$ . The angle at vertex  $B$  is  $20^\circ$ , the angle at vertex  $C$  is  $91^\circ$ , and the angle at vertex  $D$  is  $69^\circ$ .

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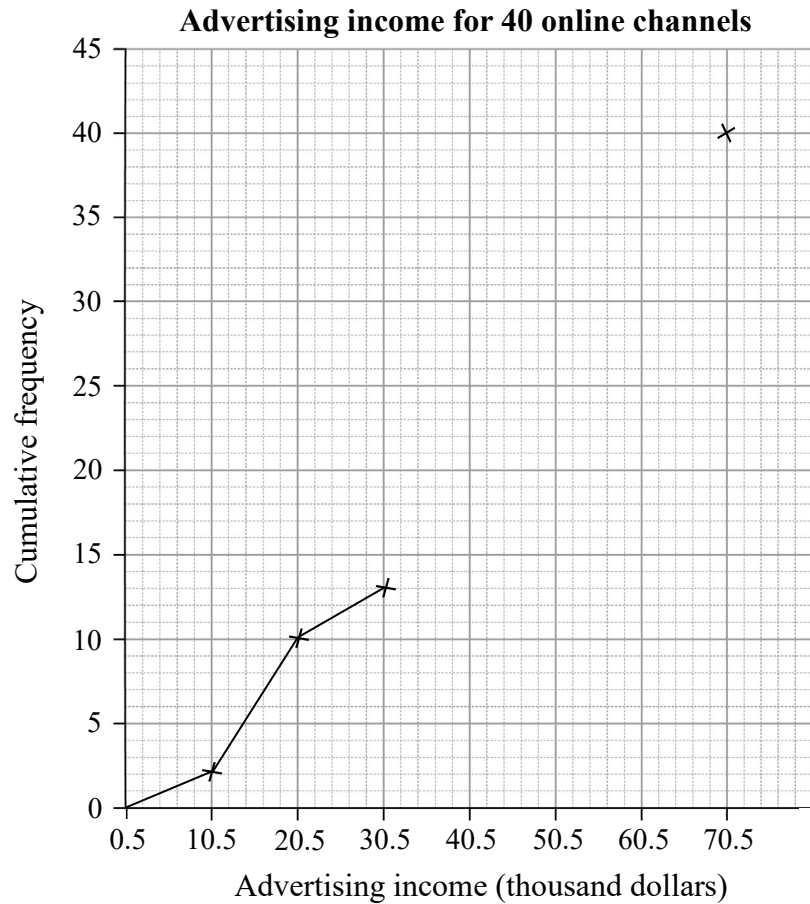
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46.

(a)

Advertising income less than (thousand dollars)	10.5	20.5	30.5	40.5	50.5	60.5	70.5
Cumulative frequency	2	10	13		26		40

(b)



Please do not write in the margin.

47.

Reason:

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∴ I \* **agree** / **disagree** with the spokesperson's claim.

(\* Circle the correct answer)

END OF PAPER