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Please stick the barcode label in the box.

Education Bureau
Territory-wide System Assessment 2021
Secondary 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

○ ○ ○ ○

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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

☐ ☐ ☐ ☐

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

21. $A =$ _____

$B =$ _____

$C =$ _____

22. _____

23. $r =$ _____

24. The value of the 6th term of the sequence is _____ .

25. _____

26. _____

27. $x =$ _____

28. *Circle the correct answer

* exact solution / approximate solution

29. _____

30. _____

31. The order of rotational symmetry is _____ .

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Please do not write in the margin.

Please do not write in the margin.

32. (a) $x =$ _____

(b) $y =$ _____

33. $x =$ _____

34. _____

35. _____

36. The coordinates of point S' are (_____ , _____).

37. *Circle the correct answers (i) * Discrete data / Continuous data

(ii) * Discrete data / Continuous data

38. (a) The value of x is _____ .

(b) The total number of students of that level is _____ .

(c) The percentage of Secondary 3 students going to school by bus or minibus is
_____ .

39. Mean = _____

Median = _____

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Please do not write in the margin.

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

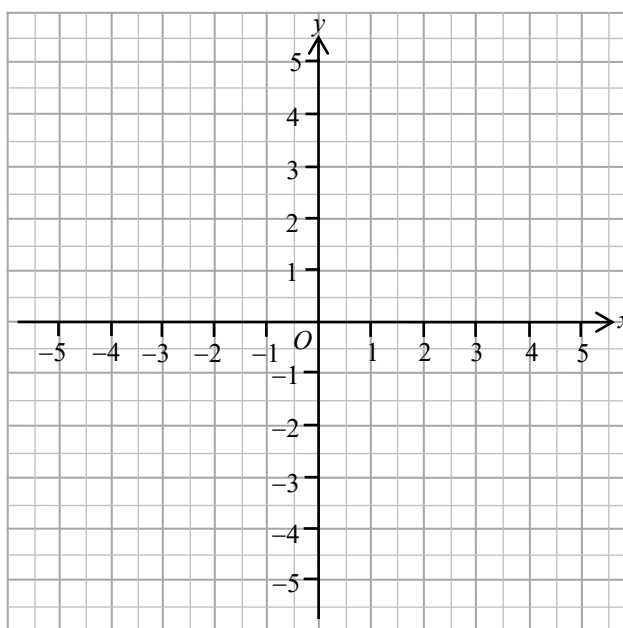
40.

41.

42.

$$y = \frac{x}{4} - 1$$

x	-4	0	4
y		-1	

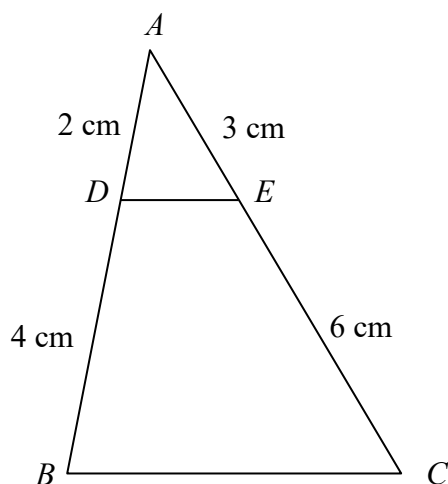


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43.

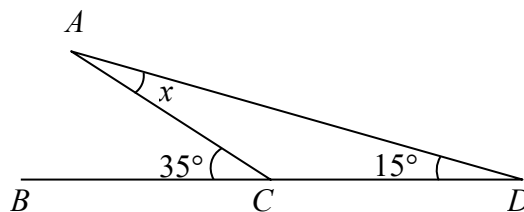
44.



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45.



46.

47.

Reason:

\therefore I * **agree** / **disagree** with the airline's claim. (*Circle the correct answer)

END OF PAPER

Please do not write in the margin.