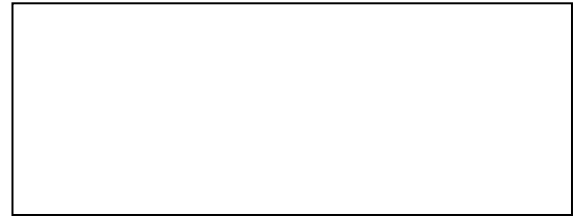




9	M	E	2	(A)
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↑
Please stick the barcode label in the box.

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	
---	--

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

24. $x =$ _____

25. _____

26. _____ seconds

27. _____

28. _____

29. _____

30. _____

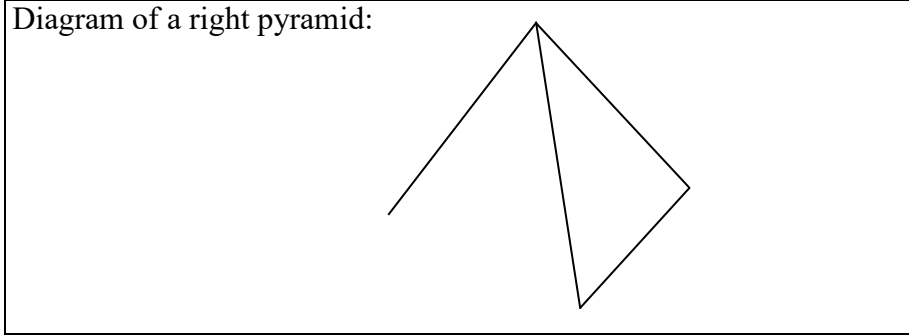
31. The maximum absolute error of the measurement is _____ kg .

Please do not write in the margin.

Please do not write in the margin.

Please do not write in the margin.

32. Diagram of a right pyramid:



33. $y =$ _____

34. $x =$ _____

$y =$ _____

35. $x =$ _____

36. $\theta =$ _____

37.

Table 1	
Completion time (seconds)	Frequency
1 – 8	
9 – 16	
17 – 24	3
25 – 32	
33 – 40	

Table 2	
Completion time (seconds) less than	Cumulative Frequency
10.5	
20.5	9
30.5	
40.5	20

38. (a) The athlete ran _____ km last week.

(b) The athlete performed high-intensity training _____ days last week.

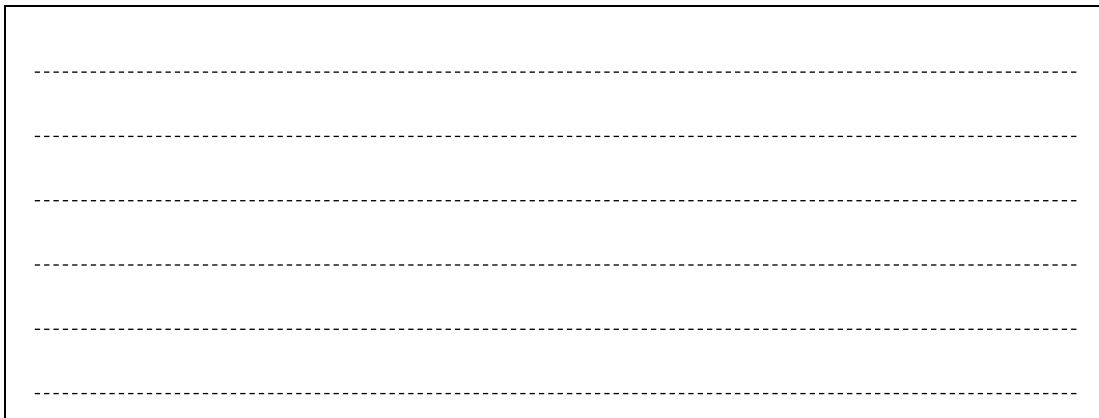
39. (a) The median of the standing long jump results of 30 students was _____ cm .

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

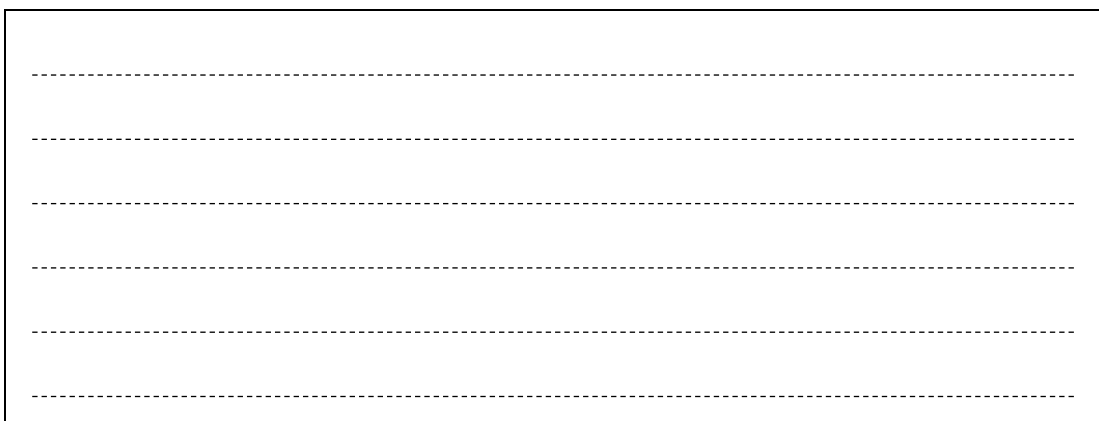
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SECTION C: Answer in the spaces provided.
All working and conclusions must be clearly shown.

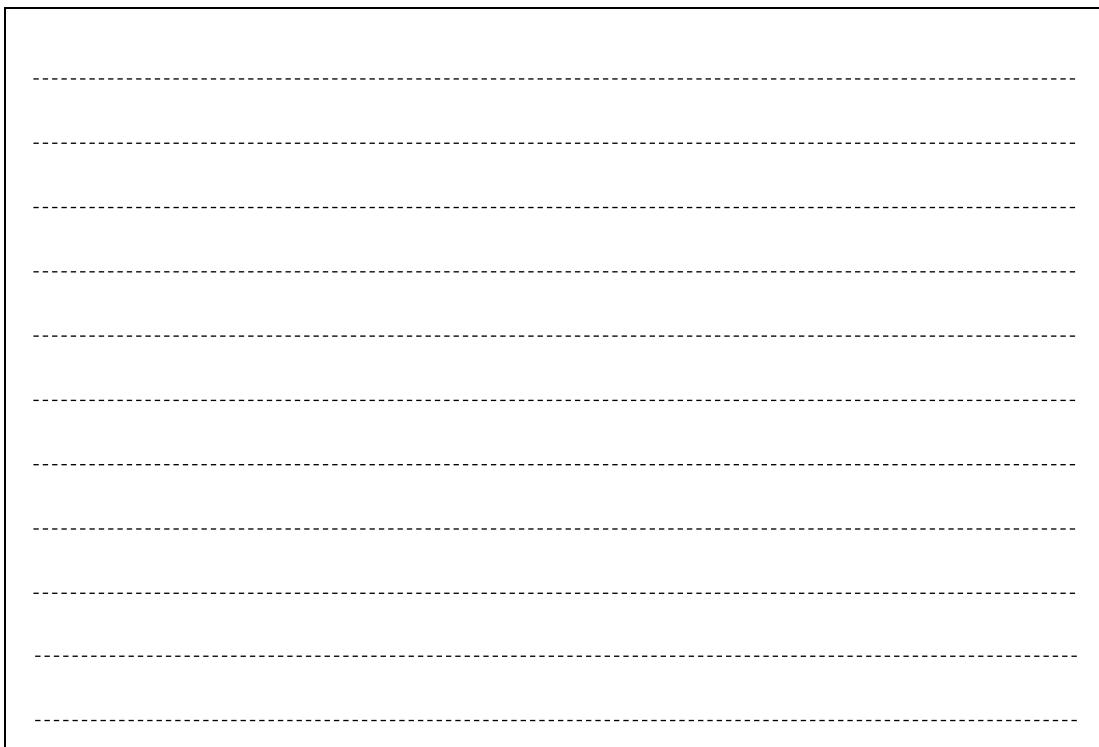
40.



41.



42.

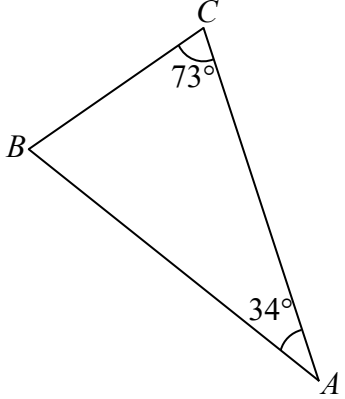


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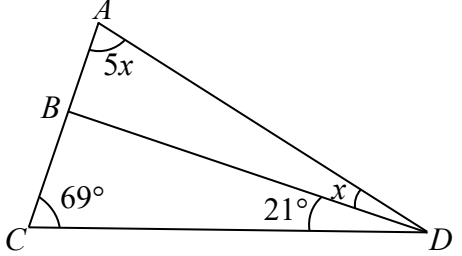
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45.



A triangle with vertices A , B , and C . Angle C is 73° and angle A is 34° .

46.



A triangle with vertices A , B , C , and D . Angle C is 69° , angle A is $5x$, and angle D is $21^\circ + x$.

47.

Lunch expenses of 15 students yesterday

Stem (\$10)	Leaf (\$1)
3	
4	
5	
6	

END OF PAPER

Please do not write in the margin.