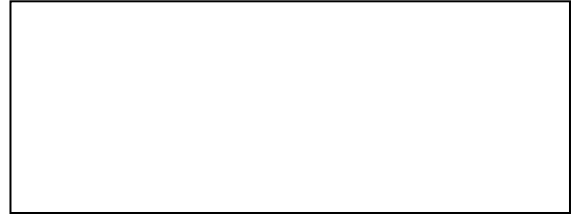




9	M	E	2	(A)
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↑
Please stick the barcode label in the box.

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			
---	--	--	--

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
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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. $A =$ _____

$B =$ _____

$C =$ _____

22. _____

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

(ii) * Direct proportion / Inverse proportion

24. $x =$ _____

25. _____

26. The diameter = _____ m

27. _____

28. _____

29. _____

30. _____

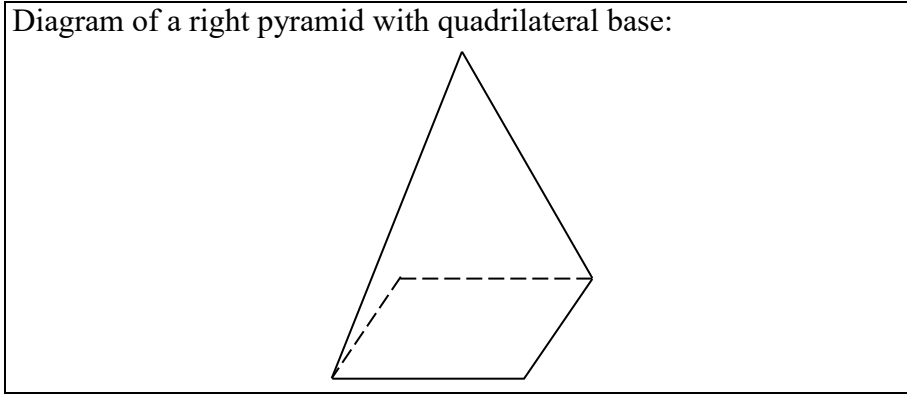
31. The maximum absolute error of the measurement is _____.

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 with quadrilateral base:



33. $x =$ _____

34. (a) $x =$ _____

(b) $y =$ _____

35. $x =$ _____

36. $x =$ _____

- 37.

Table 1	
Number of push-ups	Frequency
0 – 19	
20 – 39	7
40 – 59	

Table 2	
Number of push-ups	Frequency
0 – 11	
12 – 23	2
24 – 35	
36 – 47	
48 – 59	5

38. (a) The total profit from the food boxes sold last week was _____ dollars.

- (b) The mean profit of each food box sold last Thursday was _____ dollars.

39. (a) The school has _____ students.

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

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.

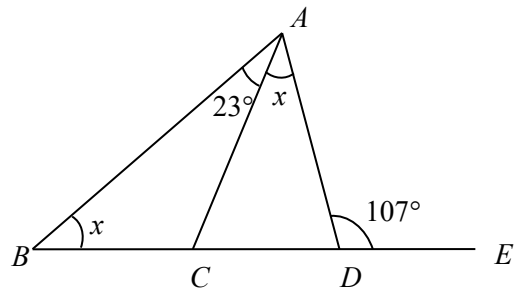
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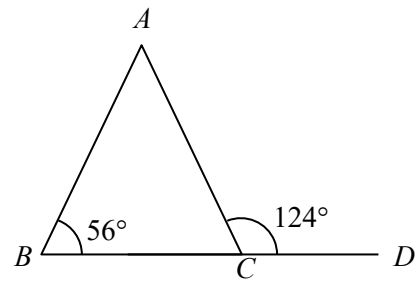
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43.

44.

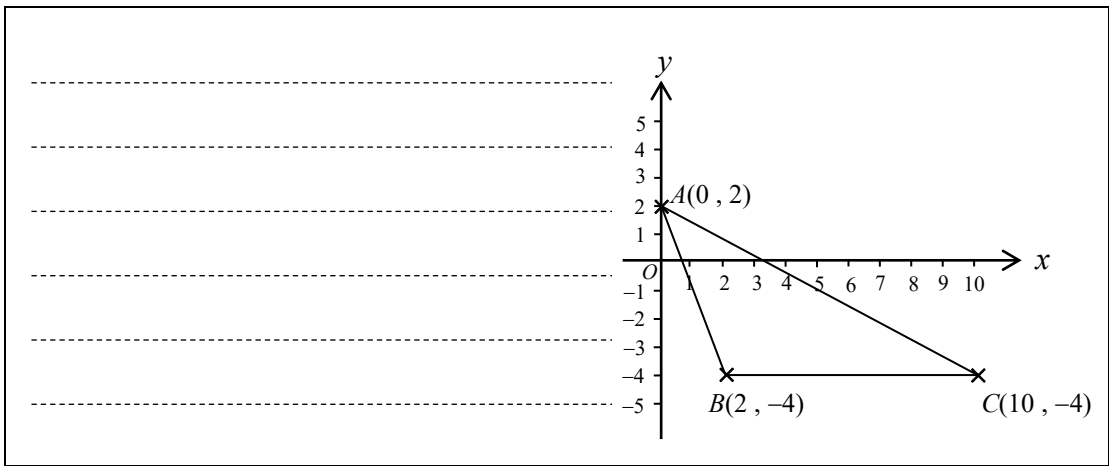


45.



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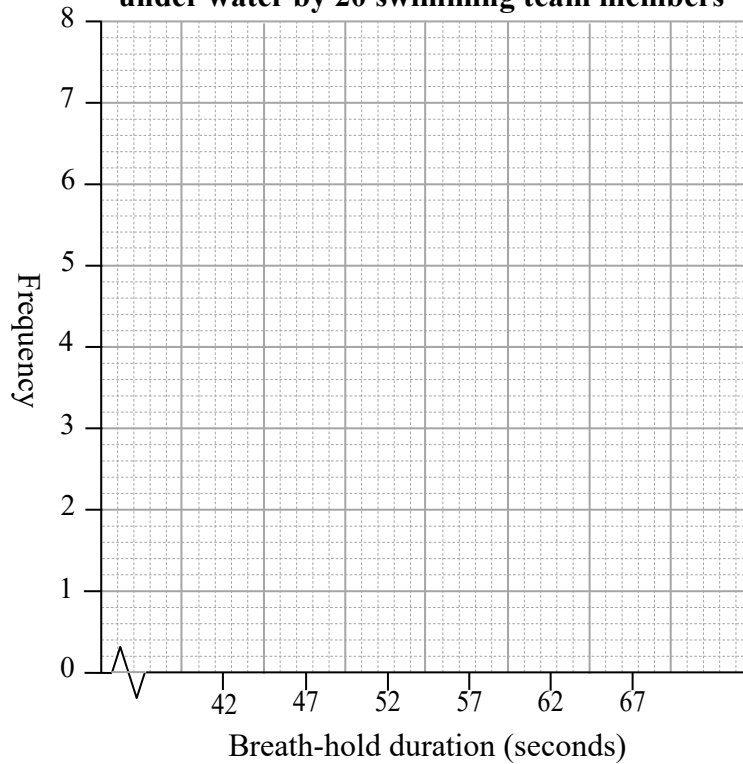
46.



47.

Duration (seconds)	Class boundaries (seconds)	Class mark (seconds)	Frequency
40 – 44	39.5 – 44.5	42	3
45 – 49		47	2
50 – 54	49.5 – 54.5	52	
55 – 59	54.5 – 59.5	57	4
60 – 64		62	6
65 – 69	64.5 – 69.5	67	1

Training records of breath-hold duration under water by 20 swimming team members



END OF PAPER

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Please do not write in the margin.