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Please stick the barcode label in the box.

Education Bureau
Territory-wide System Assessment 2018
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. The 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
<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

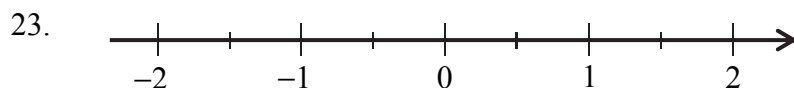
20. A B C D

Please do not write in the margin.

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

21. (i) _____ cm represents the water level of Pok Fu Lam Reservoir has risen by 5 cm.
(ii) _____ cm represents the water level of Shing Mun Reservoir has dropped by 4 cm.

22. _____



24. $s =$ _____

25. The value of the 5th term of the sequence is _____ .

26. _____

27. _____

28. _____

29. *Circle the correct answer

* exact solution / approximate solution

30. $-\frac{1}{5}$ -100

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Please do not write in the margin.

Please do not write in the margin.

31. The volume of the cone is _____ cm^3 .

32. _____

33. (a) $x =$ _____

(b) $y =$ _____

34. $x =$ _____

35. _____

36. $x =$ _____

37.

High jump results (Table 1)	
Height (cm)	Frequency
110 – 119	
120 – 129	5
130 – 139	

High jump results (Table 2)	
Height (cm)	Frequency
110 – 115	
116 – 121	2
122 – 127	
128 – 133	5
134 – 139	

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

(b) The total expenditure of the birthday party is \$ _____.

(c) The difference between the expenditures on food and drinks is \$ _____.

39. The modal class of the time spent using mobile phones is

_____ minutes – _____ minutes.

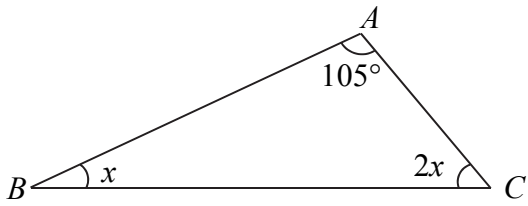
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SECTION C: Answer in the spaces provided.
All working and conclusions must be clearly shown.

40.

41.

42.



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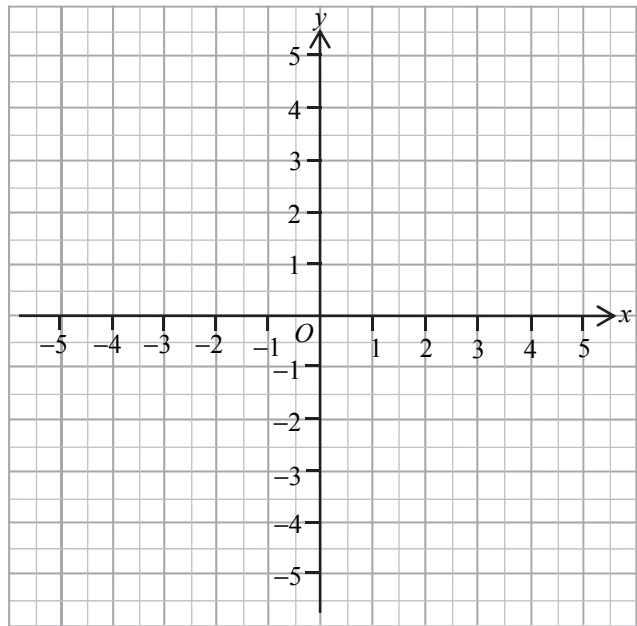
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43.

44.

$$x - y - 2 = 0$$

x	-2	2	4
y		0	

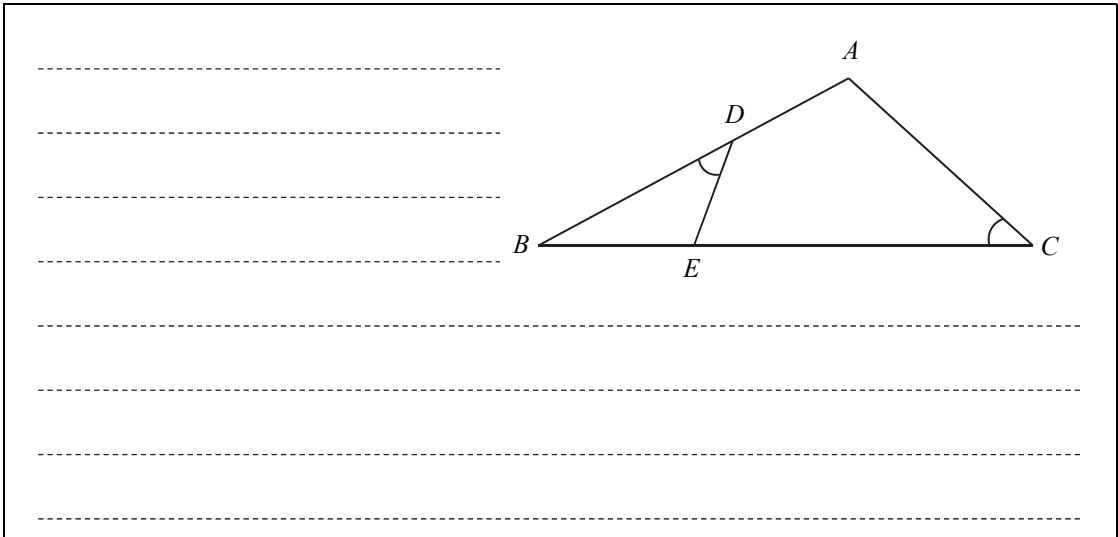


45.

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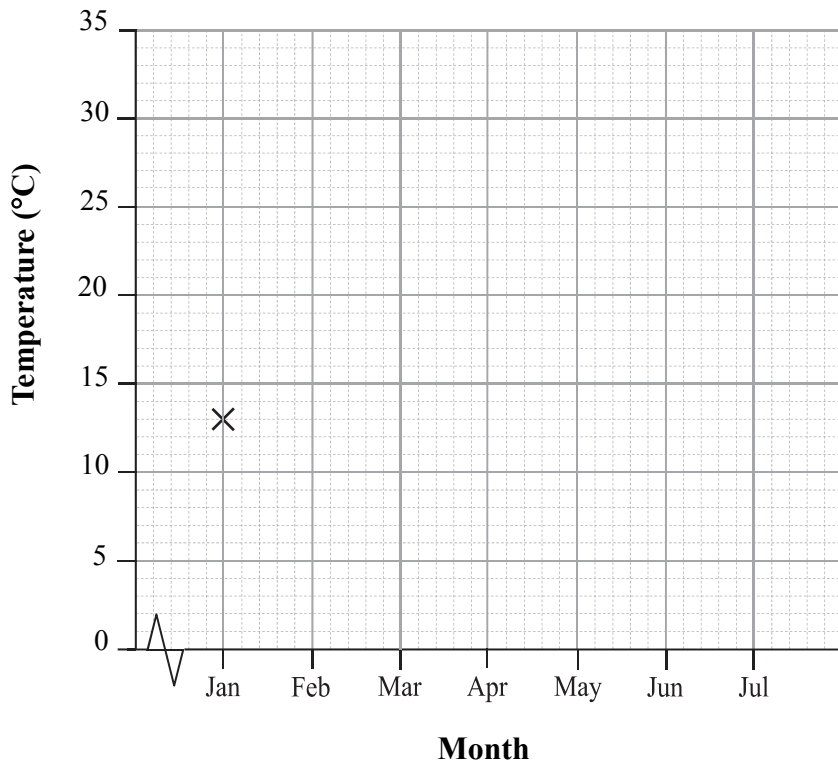
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46.



47.

Highest temperature of each month recorded from January to July in a city



END OF PAPER

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