

9	M	E	3	(A)
---	---	---	---	---	---	---

↑
Please stick the barcode label in the box.

Education Bureau
Territory-wide System Assessment 2017
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			
---	--	--	--

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
● ○ ○ ○

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.

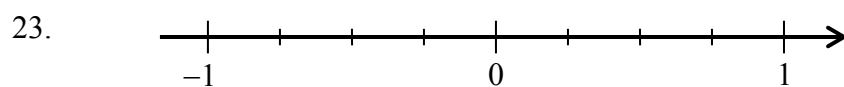
SECTION B: Write your answers in the spaces provided. Working need not be shown.

21. $A =$ _____

$B =$ _____

$C =$ _____

22. _____



24. The value of the 4th term of the sequence is _____ .

25. _____

26. _____

27. _____

28. _____

29. _____

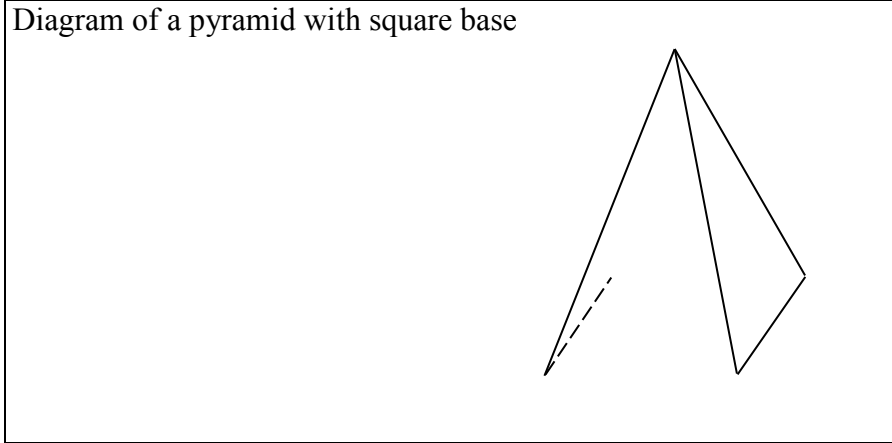
30. _____

Please do not write in the margin.

Please do not write in the margin.

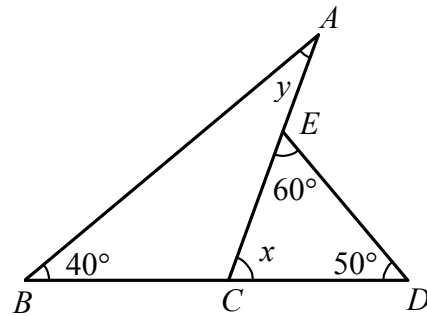
Please do not write in the margin.

31. Diagram of a pyramid with square base



32. $x =$ _____

$y =$ _____



33. $x =$ _____

34. _____

35. $x =$ _____

36. $AB =$ _____ units

37. $x =$ _____

38. Mean = _____ mm

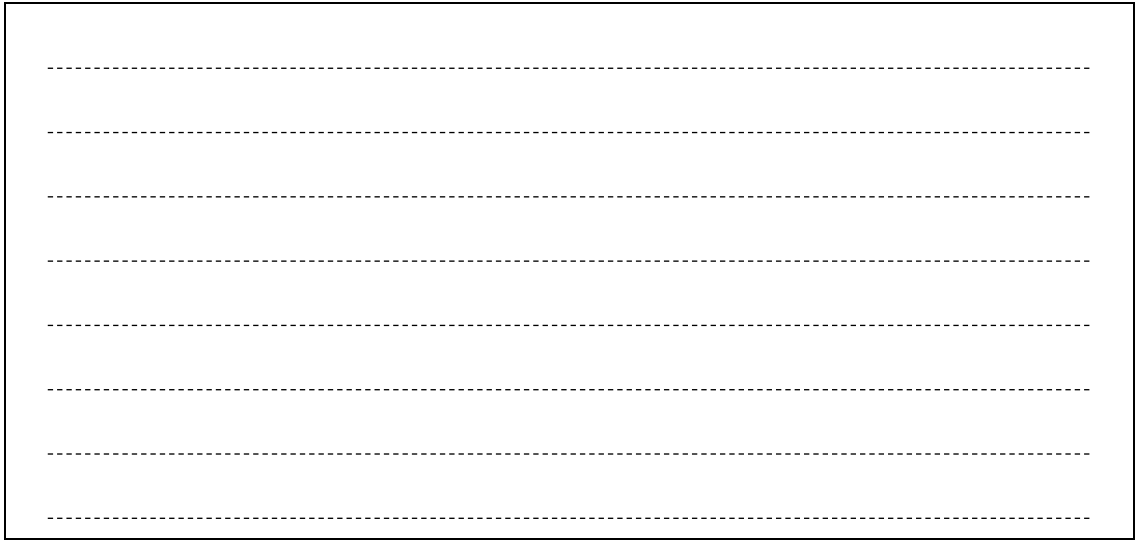
Median = _____ mm

39. The modal class of the numbers of books borrowed is _____ - _____.

Please do not write in the margin.

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

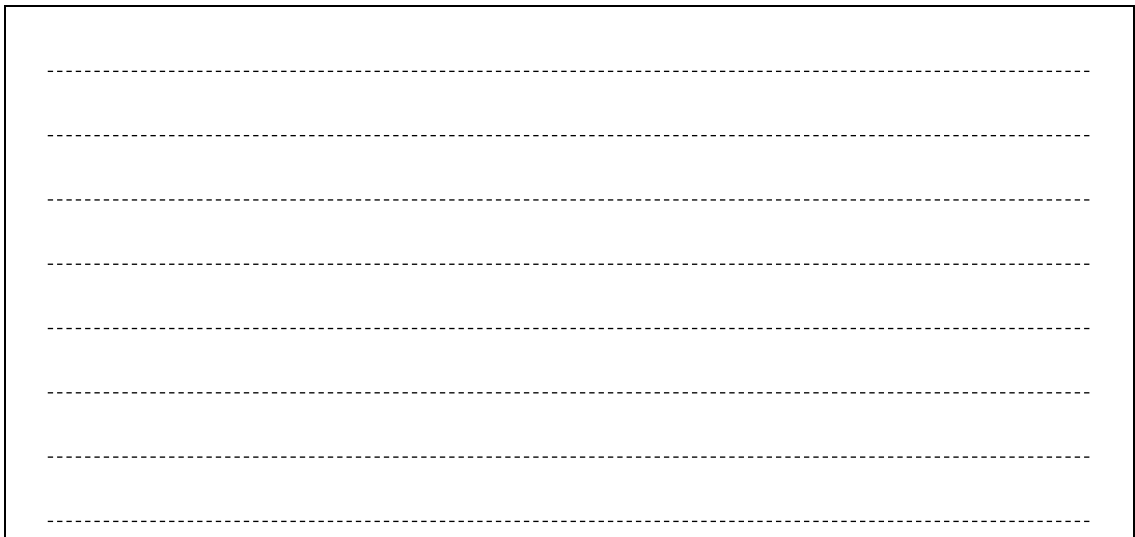
40.



41.



42.



Please do not write in the margin.

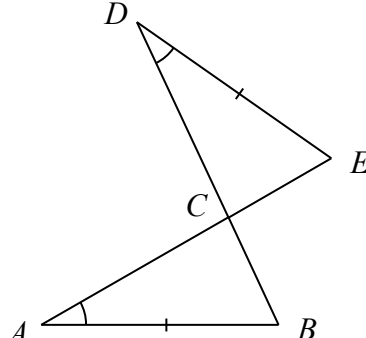
Please do not write in the margin.

Please do not write in the margin.

43.

44.

45.



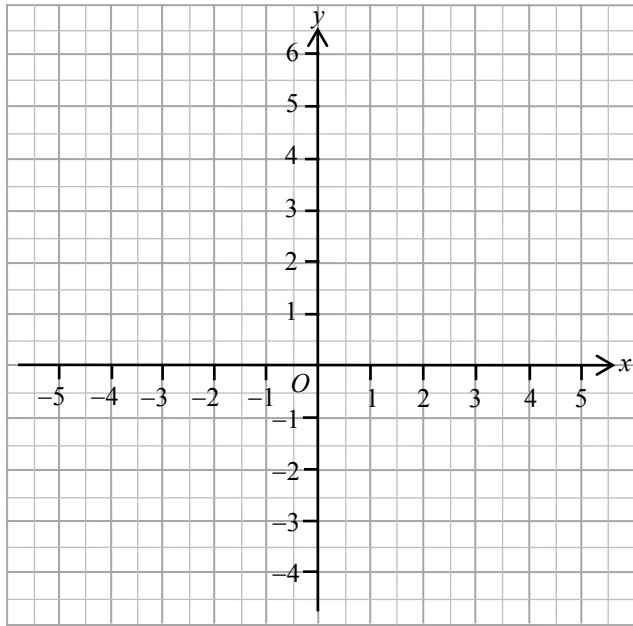
Please do not write in the margin.

Please do not write in the margin.

46.

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

x	-2	0	4
y	6		



47.

(a)

Weight (kg)	0 – 2	3 – 5	6 – 8	9 – 11
Class mark (kg)	1		7	
Frequency	6	9	27	8

(b)

.....

.....

.....

.....

.....

.....

.....

.....

END OF PAPER

Please do not write in the margin.