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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			
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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

Please do not write in the margin.

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

21.

Floor	Answer
Example : B1	-1
Example : 2/F	+2
(i) 3/F	(i) _____
(ii) B2	(ii) _____

22. _____ bytes per second

23. There are _____ girl guides.

24. $x =$ _____

$y =$ _____

25. The coefficient of y is _____ .

26. _____

27. _____

28. *Circle the correct answer

* exact solution / approximate solution

29. _____

30. _____

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Please do not write in the margin.

Please do not write in the margin.

31. The total surface area of the cuboid is _____ cm^2 .

32. The order of rotational symmetry is _____.

33. $x =$ _____

34. _____

35. _____

36. The coordinates of point A are (_____ , _____).

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

(ii) * Discrete data / Continuous data

38. (a)

Time (min)	1 – 10	11 – 20	21 – 30	31 – 40	41 – 50	51 – 60
Frequency	6		14			5

(b) There are _____ students whose reading time is less than 30.5 minutes.

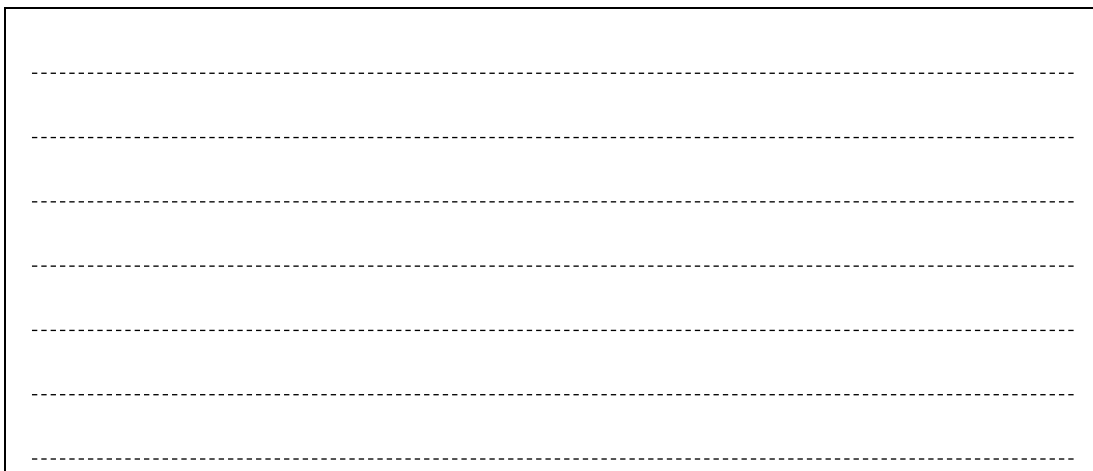
(c) _____ students can get bookmarks.

39. The required probability = _____

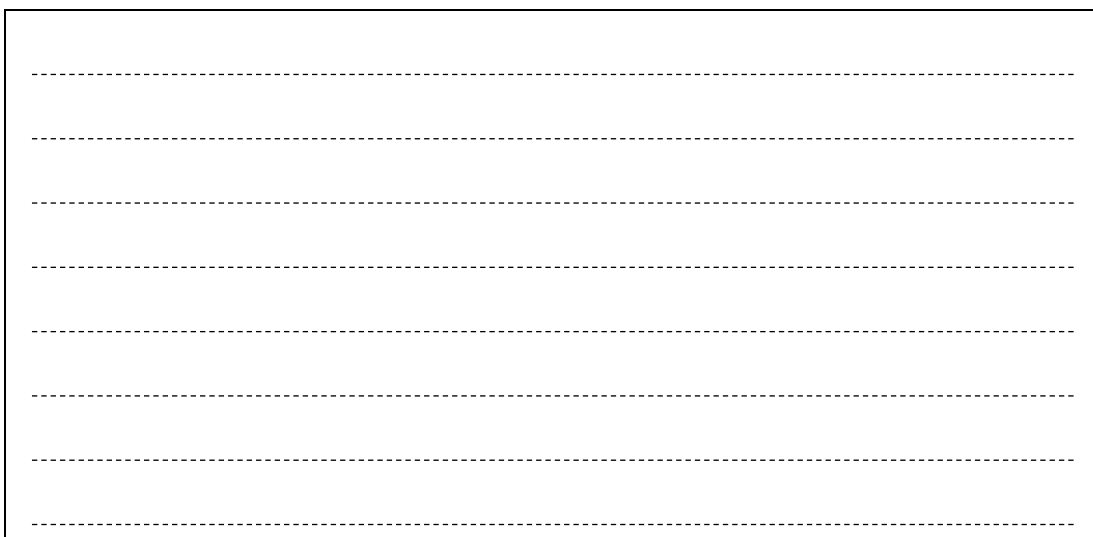
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SECTION C: Answer in the spaces provided.
All working and conclusions must be clearly shown.

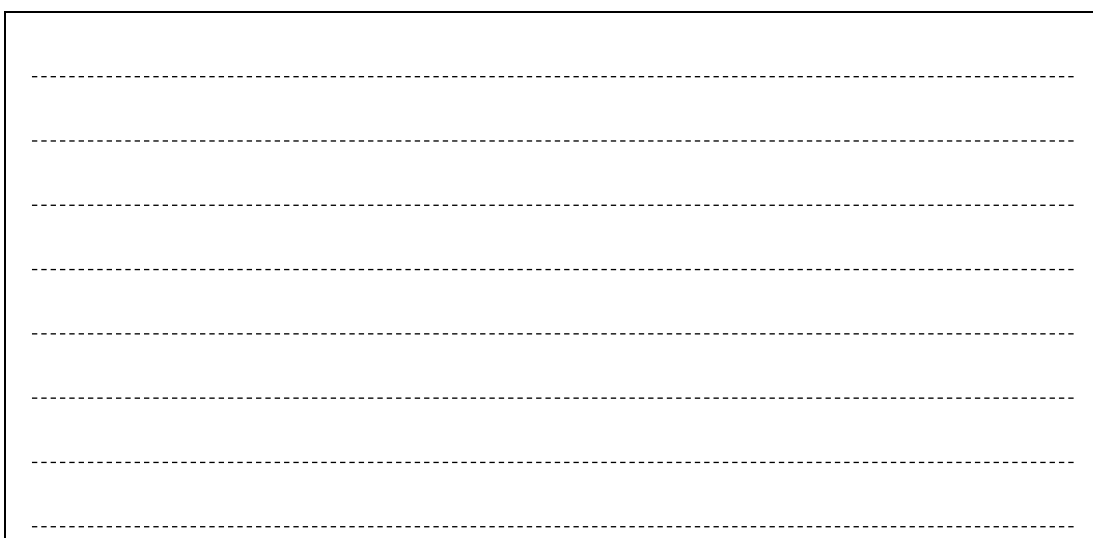
40.



41.



42.



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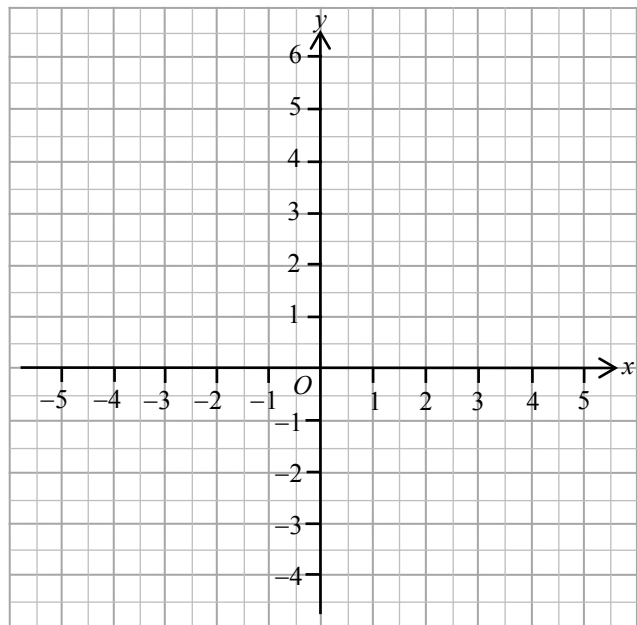
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43.

44.

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

x	y
-2	6
0	
4	



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45. Reason:

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

46.

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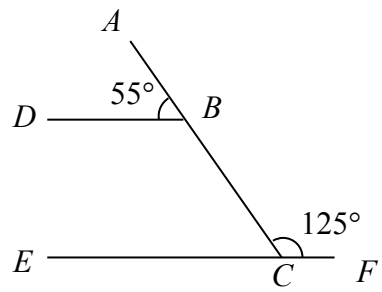
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47.

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END OF PAPER