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Please stick the barcode label in the box.

Education Bureau
Territory-wide System Assessment 2013
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

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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
 ○ ○ ○ ○

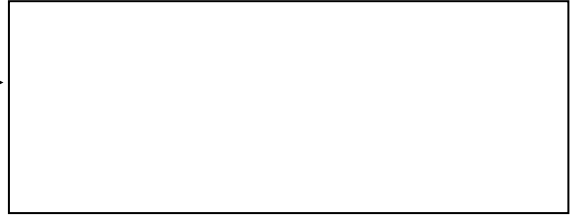
9. A B C D
 ○ ○ ○ ○

10. A B C D
 ○ ○ ○ ○

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. The ratio of the number of girls to the number of boys = _____ : _____

23. The required amount is \$ _____ .

24. $x =$ _____

25. The value of the 7th term of the sequence is _____ .

26. _____

27. _____

28. _____

29. _____

30. _____

31. _____

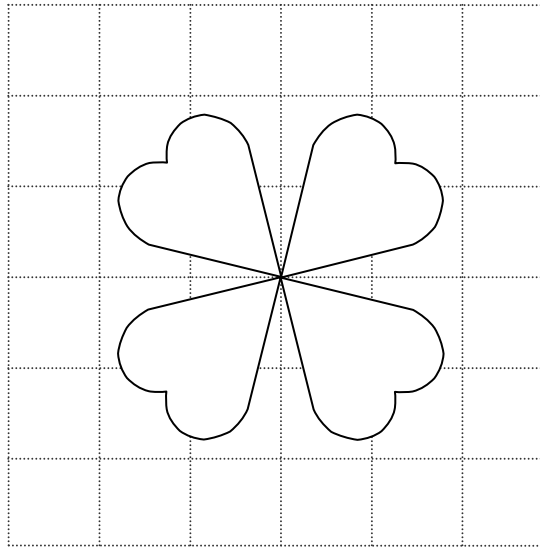
32. _____

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Please do not write in the margin.

Please do not write in the margin.

33.



34. $k =$ _____

35. * Circle the correct answer

(a) * $\triangle ABC \cong \triangle DEF$ / $\triangle ABC \sim \triangle DEF$

(b) * ASA / SAS / RHS / Ratio of 2 sides, included angle

36. $x =$ _____

37. _____

38. The polar coordinates of point A are (_____ , _____).

39. The slope of L is _____ .

40. () \rightarrow () \rightarrow () \rightarrow ()

41. The weighted mean mark of Andy is _____ .

Please do not write in the margin.

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

42. (a)

	S	E	N	D
T		TE		TD
O	OS		ON	

(b) The probability that the two letters chosen are 'T' and 'S' is _____ .

43.

44.

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Please do not write in the margin.

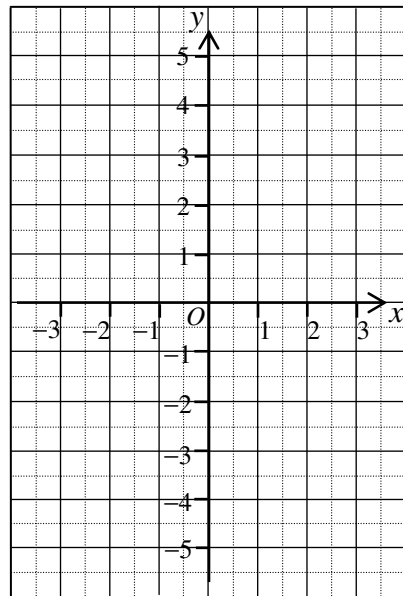
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45.

46.

47. $2x - y - 1 = 0$

x	-2	0	2
y			3



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48.

49.

50.

Explanation:

∴ I * **agree** / **disagree** with the shopkeeper's claim.
(*circle the correct answer)

Please do not write in the margin.

END OF PAPER