



9	M	E	3	(	A	)
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↑
Please stick the barcode label in the box.

Education Bureau
Territory-wide System Assessment 2014
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.
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**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.

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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.

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

21. _____.

22. _____

23. The rainfall in July : the rainfall in August = _____ : _____

24. The machine can produce _____ bottles of sauce in one hour.

25. _____

26. _____

27. _____

28. _____

29. $x =$ _____

30. _____

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

32. _____

33. Figure _____ and Figure _____ have the same number of axes of symmetry.

Please do not write in the margin.

Please do not write in the margin.

34. (a) $x =$ _____

(b) $y =$ _____

35. $x =$ _____

36. _____

37. $AC =$ _____ cm

38. $x =$ _____

39. (a) There are _____ students in 3A.

(b) The least lunch expense of 3A students last Friday was \$ _____ .

(c) _____ students spent more than \$45 on their lunch last Friday.

40. The weighted mean mark of Alfred is _____.

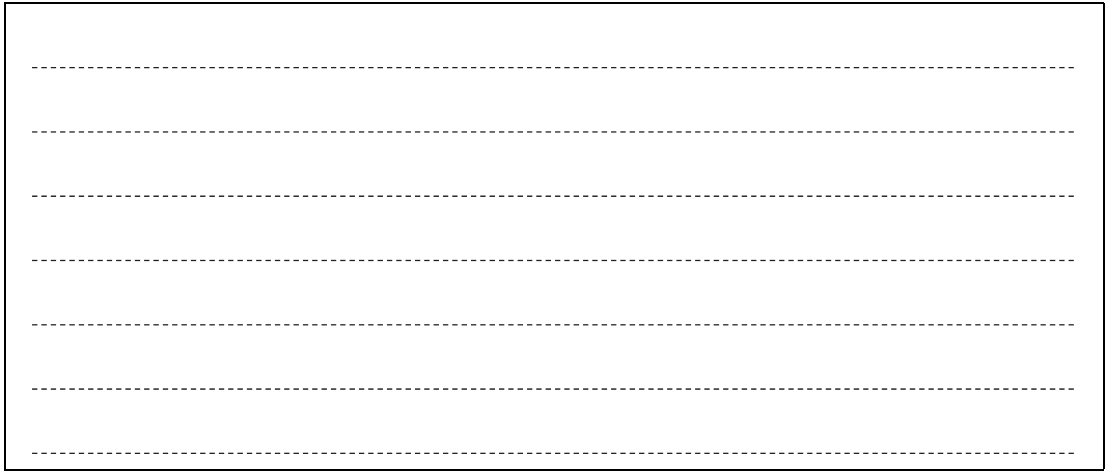
SECTION C: Answer in the spaces provided.
All working and conclusions must be clearly shown.

41.

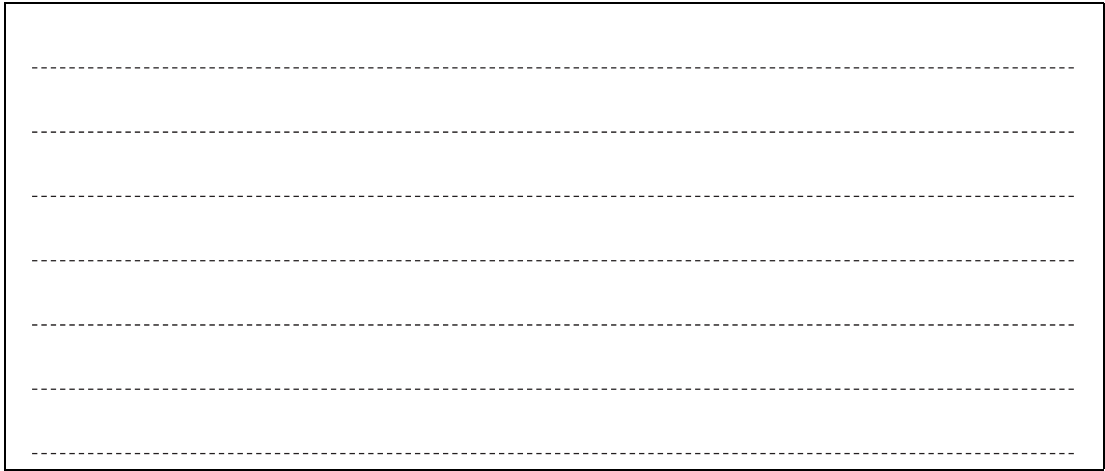
Please do not write in the margin.

Please do not write in the margin.

42.

A rectangular box containing ten horizontal dashed lines for handwriting practice.

43.

A rectangular box containing ten horizontal dashed lines for handwriting practice.

44.

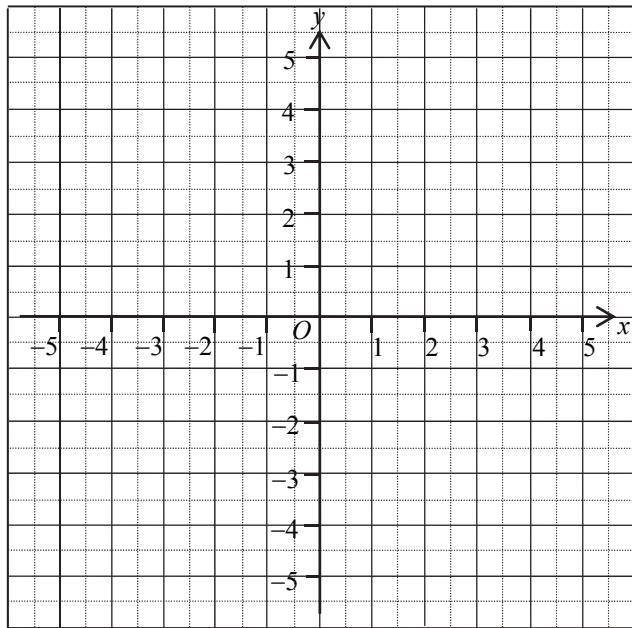
A rectangular box containing ten horizontal dashed lines for handwriting practice.

Please do not write in the margin.

Please do not write in the margin.

45. $2x + y - 2 = 0$

x	-1	0	3
y		2	



46.

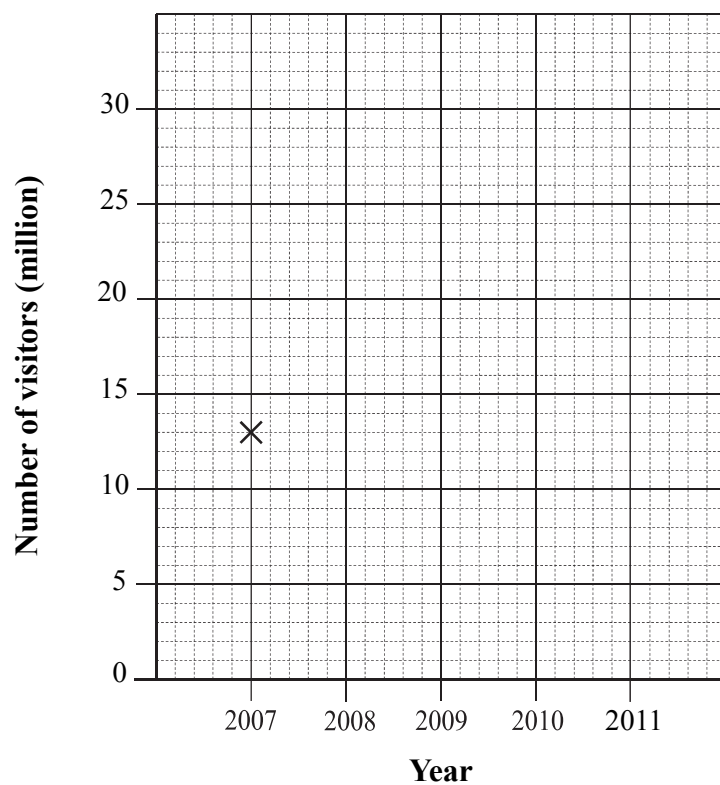
47. Explanation:

$\therefore$ Miss Lee * can / cannot join the lucky draw. (*circle the correct answer)

Please do not write in the margin.

48.

The number of visitors of a country from 2007 to 2011



49.

(a)

	T	O	Y
B	B T		B Y
O		O O	
Y	Y T	Y O	

(b) The probability that the two letters chosen are the same = _____

END OF PAPER