



9	M	E	4	(	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.
-

**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

○ ○ ○ ○

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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

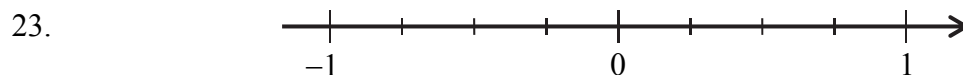
☐ ☐ ☐ ☐

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

21. (i) _____ kg represents the weight of father is unchanged.
(ii) _____ kg represents the weight of mother has decreased by 4 kg.

22. _____



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

25. The coefficient of y^6 is _____ .

26. _____

27. _____

28. _____

29. _____

30. _____

31. _____

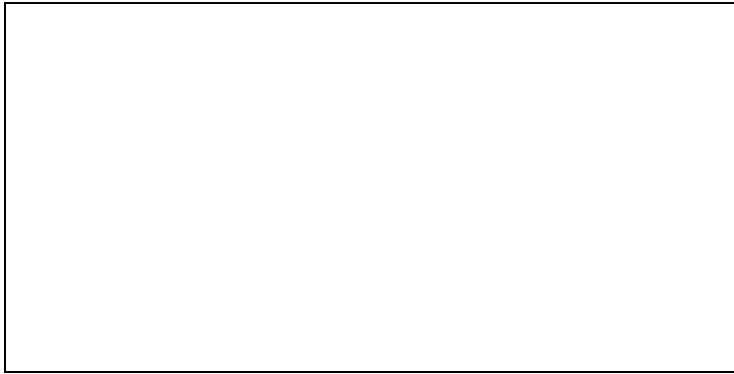
32. _____

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33.



34. (a) $x =$ _____ (b) $y =$ _____

35. $x =$ _____

36. _____

37. $AC =$ _____ cm

38. The coordinates of point ***P*** are (_____ , _____).

39. $x =$ _____

40. The number of qualified boys is _____ .

41. The required empirical probability is _____.

Please do not write in the margin.

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

42.

43.

44.

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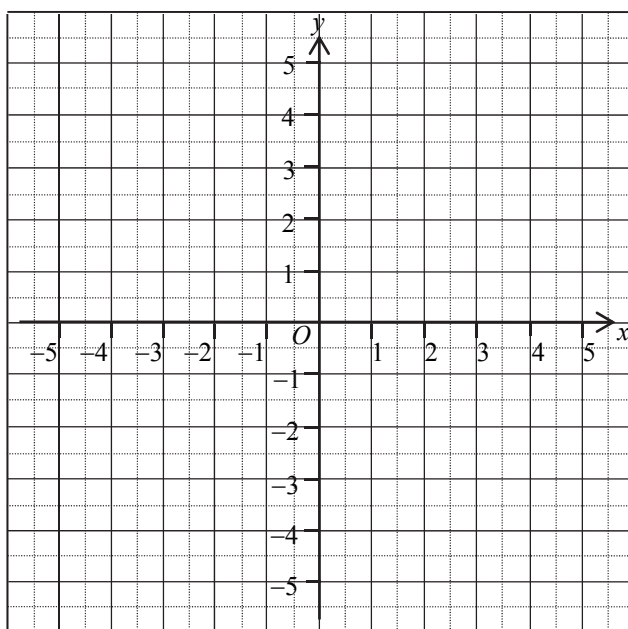
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45.

46.

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

x		2	
y	3	0	-1



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47. Explanation:

∴ Michael's saying * **is** / **is not** misleading. (*circle the correct answer)

48.

49.

END OF PAPER

Please do not write in the margin.