



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

↑
Please stick the barcode label in the box.

Education Bureau
Territory-wide System Assessment 2015
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**

--	--	--

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. The number of students is _____ .

23. $x =$ _____

$y =$ _____

24. _____

25. _____

26. _____

27. _____

28. $x =$ _____

29. _____

30. _____

31. _____

32. _____

Please do not write in the margin.

Please do not write in the margin.

Please do not write in the margin.

33. (a) $x =$ _____

(b) $y =$ _____

34. $a =$ _____

$b =$ _____

35. _____

36. $OA =$ _____ km

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

38. $x =$ _____

39. () $\rightarrow$ () $\rightarrow$ () $\rightarrow$ ()

40. _____ students have a body temperature of 37.5°C or above.

41. The modal class of the travelling distances is _____ km – _____ km.

SECTION C: Answer in the spaces provided.

All working and conclusions must be clearly shown.

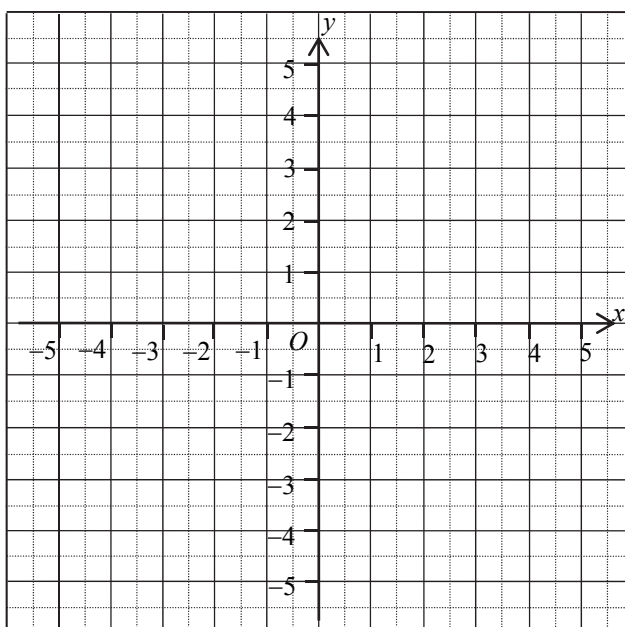
42.

Please do not write in the margin.

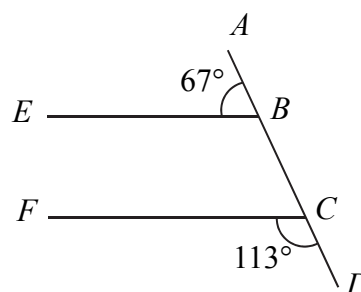
43.

44. $x + y - 2 = 0$

x	-2	1	2
y		1	



45.



Please do not write in the margin.

46.

47.

48.

Please do not write in the margin.

49.

The marks of 15 students in a dictation

Stem (10 marks)	Leaf (1 mark)

50.

(a)

First child	Second child	Third child	Possible outcomes
B	B	B	B B B
		G	B B G
	☐	B	
		G	
G	B	☐	
		G	G B G
	G	B	G G B
		☐	

(b) The required probability = _____

END OF PAPER