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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**

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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 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. (a) _____

(b) _____

22. Number of red balls : number of yellow balls : number of green balls

= _____ : _____ : _____

23. $x =$ _____

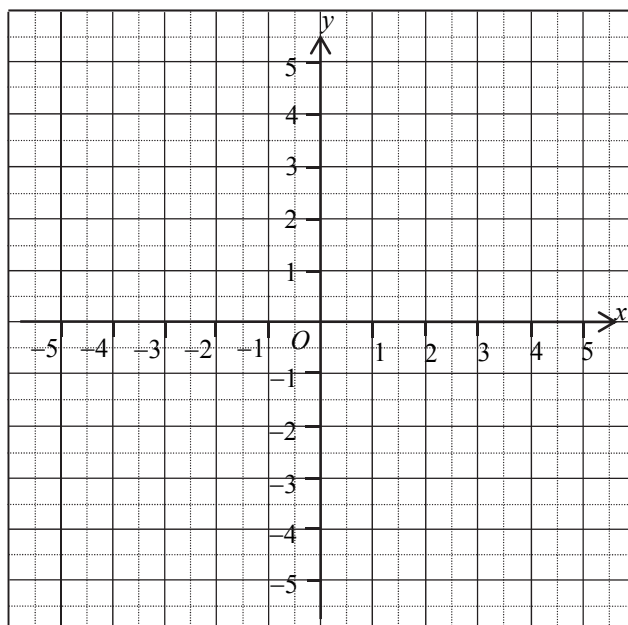
$y =$ _____

24. _____

25. _____

26. _____

27.



28. _____

29. $z =$ _____

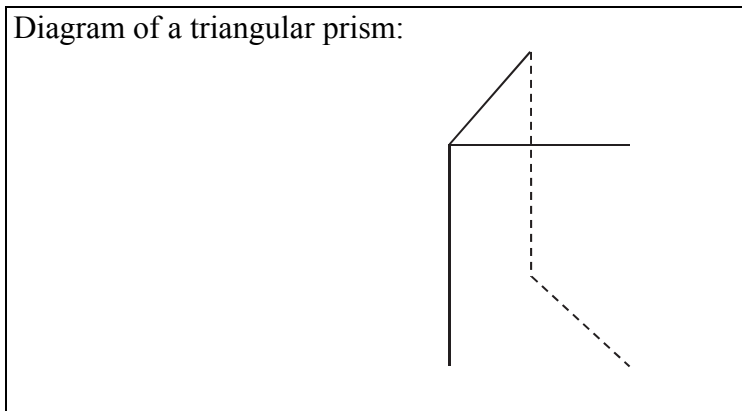
30. _____

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31. _____

32. Diagram of a triangular prism:



33. (a) $x =$ _____

(b) $y =$ _____

34. $x =$ _____

35. _____

36. _____

37. _____

38. The coordinates of P' are (_____ , _____).

39. (a) At _____ , the relative humidity was equal to 65%.

(b) The difference of the relative humidity between 19:00 and 22:00 was _____ %.

(c) At _____ , the relative humidity increased most compared to the relative humidity of one hour before.

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

41. The weighted mean mark of Cindy is _____ .

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

42.

43.

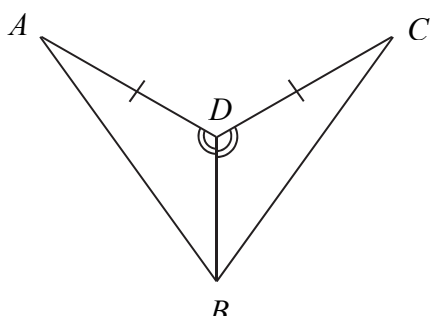
44.

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45.



46.

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END OF PAPER