* 9 M E 2 *

9	M	E	2	(	A	)

Please stick the barcode label in the box.

Education Bureau
Territory-wide System Assessment 2019
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	S				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
●	○	○	○

	A	B	C	D
1.	○	○	○	○
2.	○	○	○	○
3.	○	○	○	○
4.	○	○	○	○
5.	○	○	○	○
6.	○	○	○	○
7.	○	○	○	○
8.	○	○	○	○
9.	○	○	○	○
10.	○	○	○	○

Please do not write in the margin.

Please do not write in the margin.

Please stick the barcode label in the box. →

	A	B	C	D
11.	○	○	○	○
12.	○	○	○	○
13.	○	○	○	○
14.	○	○	○	○
15.	○	○	○	○
16.	○	○	○	○
17.	○	○	○	○
18.	○	○	○	○
19.	○	○	○	○
20.	○	○	○	○

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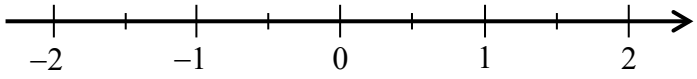
Please do not write in the margin.

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

21. (i) _____ dollars represents that the remaining stored value on Mary's Octopus card is 70 dollars.

(ii) _____ dollars represents that the overdraft on John's Octopus card is 3 dollars.

22. _____

23. 

24. m = _____

25. The value of the 4^{th} term of the sequence is _____ .

26. _____

27. _____

28. _____

29. *Circle the correct answer

* exact solution ／ approximate solution

30. $\frac{4}{21}$ ☐ $\frac{5}{19}$

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

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Please do not write in the margin.

32. _____

33. (a) m = _____

(b) n = _____

34. x = _____

35. _____

36. x = _____

37.

Table 1	
Number of exercise books	Frequency
4 – 6	
7 – 9	
10 – 12	5

Table 2	
Number of exercise books	Frequency
4 – 5	
6 – 7	5
8 – 9	
10 – 11	3
12 – 13	

38. (a) At _____ , the upload speed was equal to 5.2 Mbps.

(b) At _____ , the upload speed decreased most compared to the upload speed of one hour before.

(c) The difference of the upload speeds recorded at 12:00 and 13:00 was _____ Mbps.

39. The modal class of the number of departures from Hong Kong is _____ time(s) – _____ time(s).

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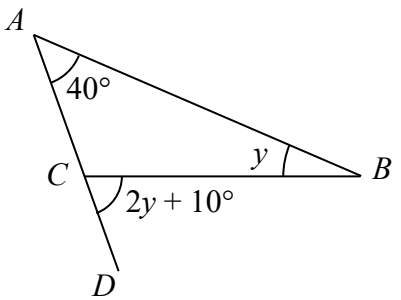
Go on to the next page

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

40.

41.

42.



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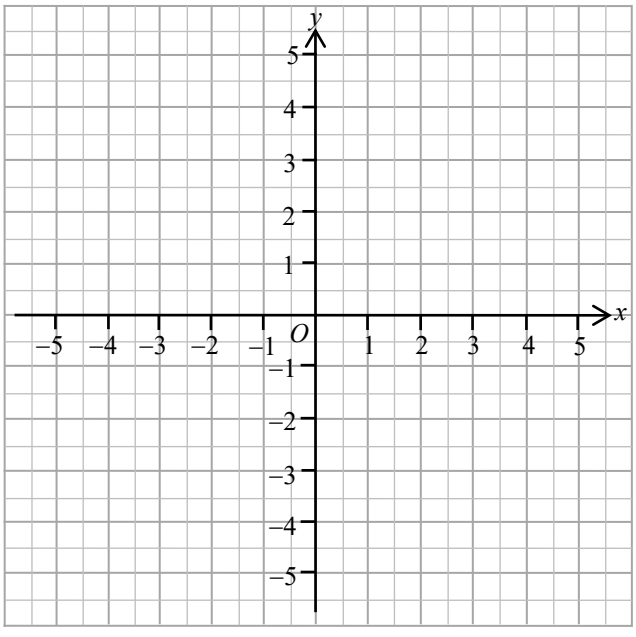
43.

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

x	–3	1	3
y	–2		



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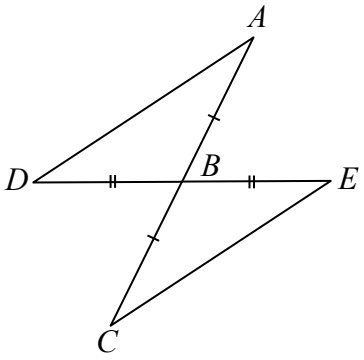
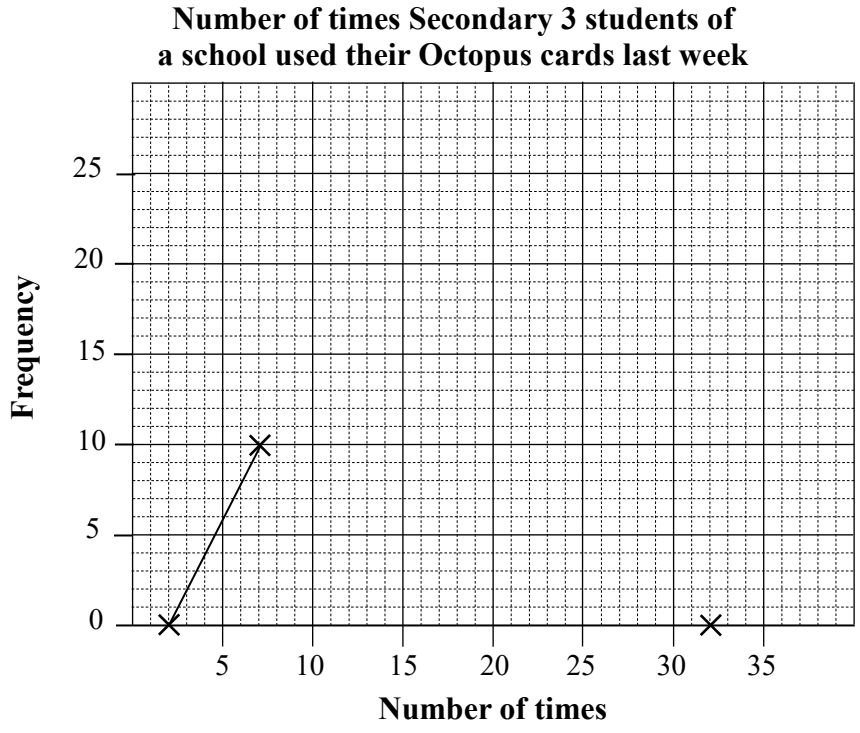
45.

46.



47.



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