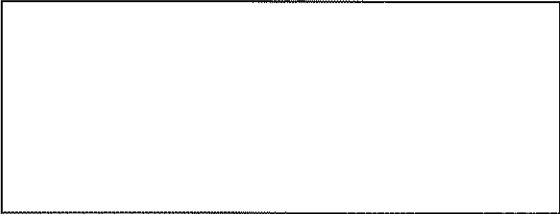




3	M	E	4
---	---	---	---



↑
請把電腦條碼貼在方格內
Please stick the barcode label in the box

Education Bureau
Territory-wide System Assessment 2009
Primary 3
Mathematics

Instructions:

1. Stick barcode labels on pages 1, 3, 5, 7 and 9 in the spaces provided.
2. There are 38 questions in this test. Answer all questions.
3. Time allowed is 40 minutes.
4. Write your answers in this Question-Answer Booklet.
5. Do not write in the margins.
6. Use of calculators is not allowed.
7. Do your rough work on the rough work sheet provided.
8. Write your School Code, Class and Class Number in the boxes below.

Instructions for answering questions:

- (a) Multiple choice questions – Blacken the circle next to the correct answer with an **HB pencil**.
For example:
- A
 - B
 - C
 - D
- (b) Questions in which you are asked to “Show your working” – Write your mathematical expressions, answers and statements/conclusions in the spaces provided. There is **NO** need to show your rough work.
- (c) Other types of questions – Answer as required in the space provided.

School Code
學校編號

--	--	--

Class
班別

3	
---	--

Class No.
班號

--	--

↑
Write one **capital letter** in this box
此格只許填寫一個大楷英文字母

Please do not write in the margin.

1. Write the number 'ninety thousand and forty' in figures.

Answer: _____

2. $243 + 501 + 373 =$ _____

3. $804 - 756 =$ _____

4. $196 \times 5 =$

- A. 980
- B. 950
- C. 580
- D. 550

5. $840 \div 8 =$ _____

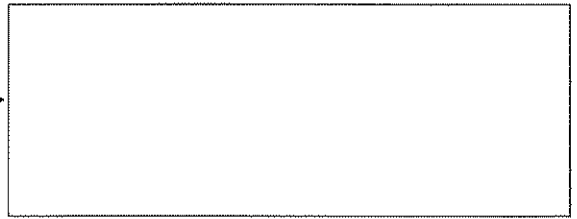
6. $280 + 20 \times 3 =$ _____

7. Mr. Lee has 5 fast food shops. Each shop makes 450 tuna sandwiches and 270 ham sandwiches every day.

Altogether, 5 shops make _____ sandwiches every day.

Please do not write in the margin.

請把電腦條碼貼在方格內
Please stick the barcode label in the box



Please do not write in the margin.

8. A baker makes 456 doughnuts, of which 184 are strawberry doughnuts, 115 are plain doughnuts and the rest are chocolate doughnuts.

The number of chocolate doughnuts is _____.

9. There are 38 bottles of cooking oil in a fast food shop. Each bottle contains 4 L of cooking oil. After using 105 L, _____ L of cooking oil is left.

10. There are 166 equilateral triangles.

(a) A hexagon is made up of 6 triangles. At most _____ hexagons can be made.

(b) To form one more hexagon, _____ more triangles are needed.

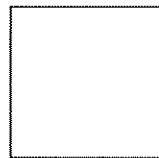
11. Arrange the following fractions from the smallest to the largest.

$$\frac{7}{16} \quad , \quad \frac{7}{9} \quad , \quad \frac{7}{17}$$

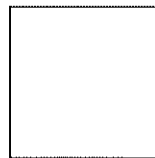
Answer:



,



,



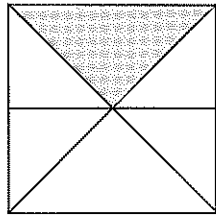
(Smallest)

(Largest)

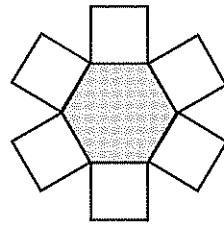
Please do not write in the margin.

Please do not write in the margin.

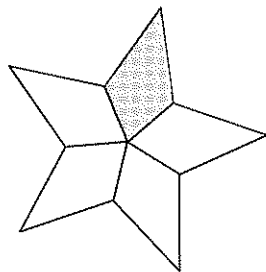
12. Which of the following figures is $\frac{1}{6}$ shaded?



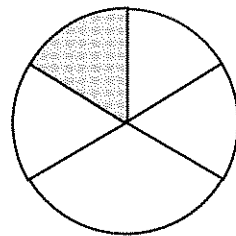
A.



B.



C.



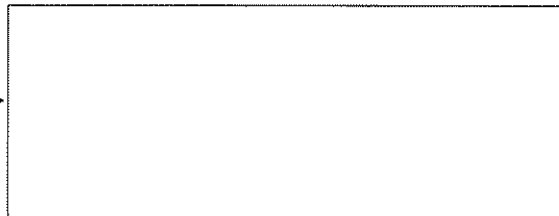
D.

13. Mandy buys a book from a book sale. The price is 13 dollars and 50 cents. She pays 20 dollars. Circle the amount of change.

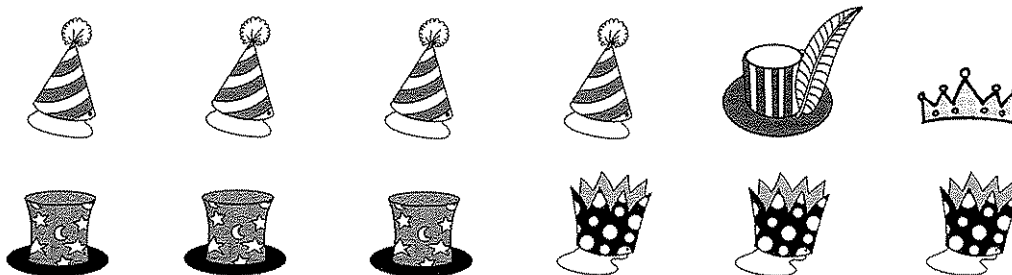



Please do not write in the margin.

請把電腦條碼貼在方格內
Please stick the barcode label in the box



14. Mother has made some party hats for Amy's birthday party.



(a) $\frac{\square}{\square}$ of all the party hats are  .

(b) Which of the following hat(s) is/are $\frac{1}{4}$ of all the party hats? Circle the answer(s).



15. In the figure, if the toothpick is 1 unit long, then the chopstick is about _____ units long.



toothpick



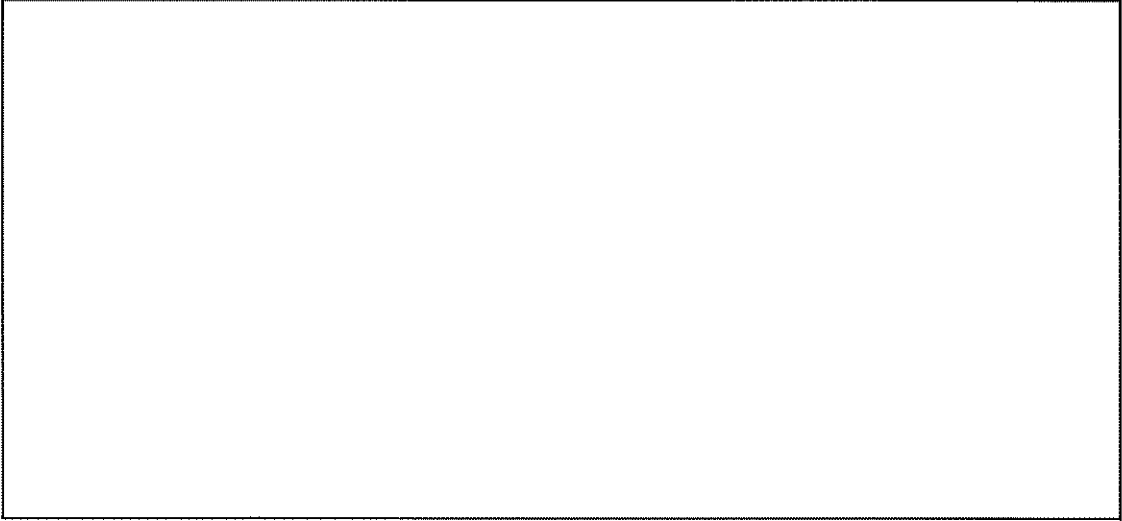
chopstick

Please do not write in the margin.

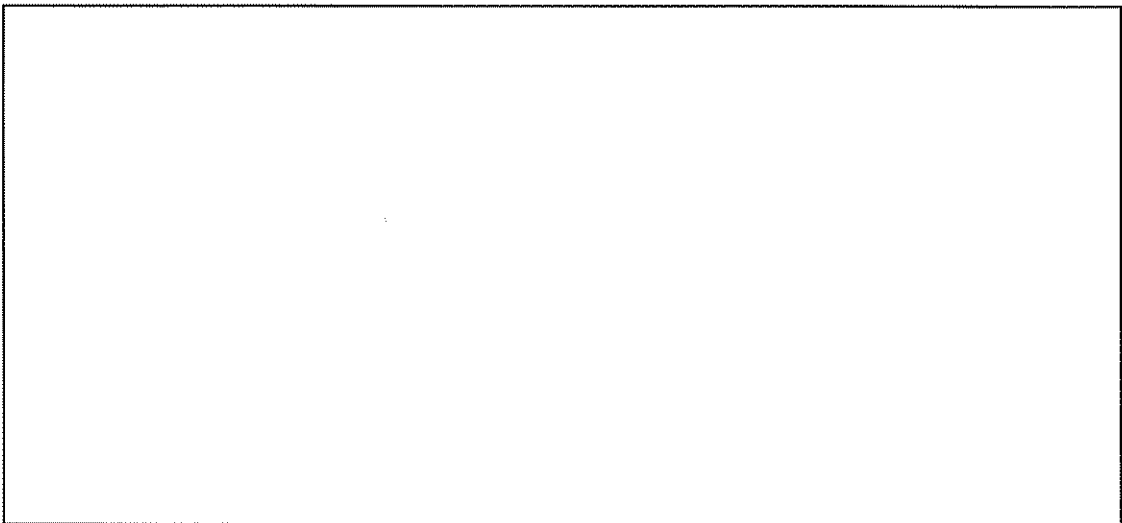
Please do not write in the margin.

Please do not write in the margin.

16. 178 pupils bought snacks at the tuck shop in the morning. In the afternoon, 64 fewer pupils bought snacks. How many pupils bought snacks altogether that day?
(Show your working)

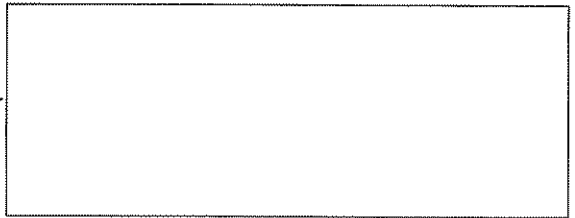


17. In the classroom, there are 3 bookcases, each with 4 shelves. Each shelf holds 52 books. How many books are there in the classroom altogether?
(Show your working)

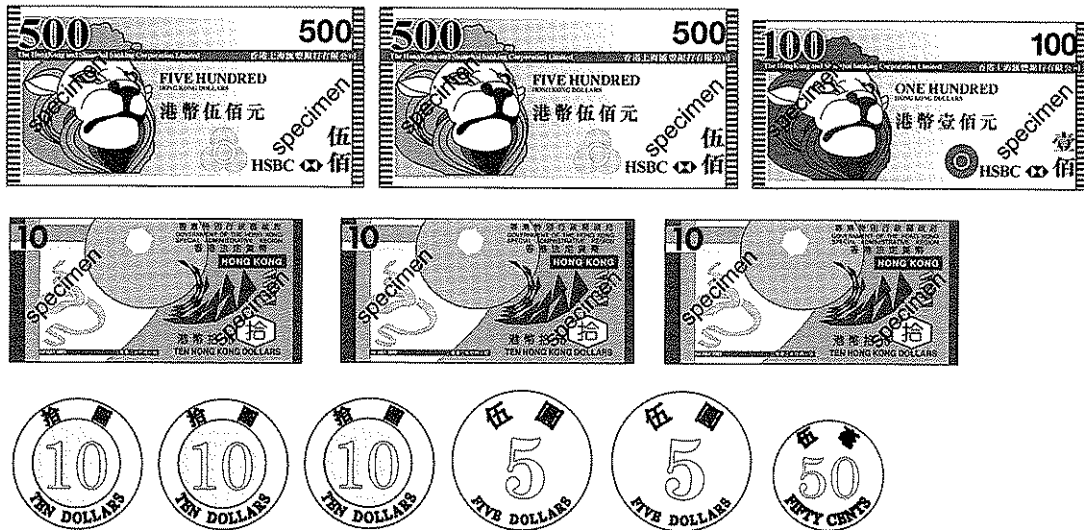


Please do not write in the margin.

請把電腦條碼貼在方格內
Please stick the barcode label in the box

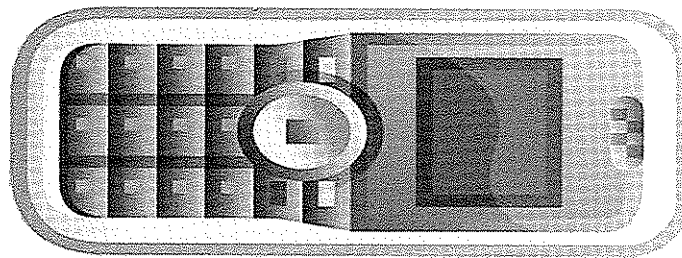


18. The money in Tim's box is shown below:



There are _____ dollars and _____ cents.

19. Kit's mobile phone is shown below. What is the length of the phone?




- A. 90 centimetres
- B. 90 millimetres
- C. 9 metres
- D. 9 millimetres


Please do not write in the margin.


Please do not write in the margin.

Please do not write in the margin.

20. Write down the suitable measuring units:

(a) A key  is about 55 _____ long.

(b) An electric fan  weighs about 6 _____.

(c) A mouse  weighs about 80 _____.

(d) The thickness of a CD  is about 1 _____.

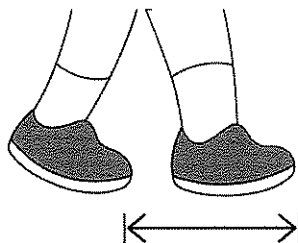
21. Which is best suited to measure the length of a basketball court?



A. Elbow length



B. Finger width



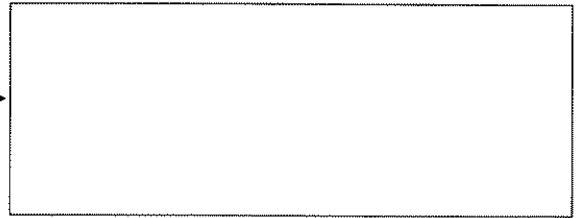
C. Step length



D. Foot width

Please do not write in the margin.

請把電腦條碼貼在方格內
Please stick the barcode label in the box



22. Use the February Calendar to answer the following questions.

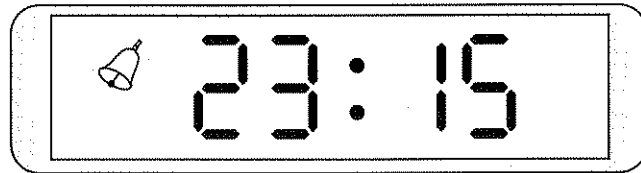
February						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29				

- (a) There are _____ days in this *whole year*.
- (b) On the 18th of February, Bill goes to Camp for three days. The last day of Camp is on the _____ of _____ .
(month)
- (c) The Lunar New Year's Day of this year is on the second Tuesday of February.
The *Third Day* of the Lunar New Year is on the _____ of _____ .
(month)

Please do not write in the margin.

Please do not write in the margin.

23.

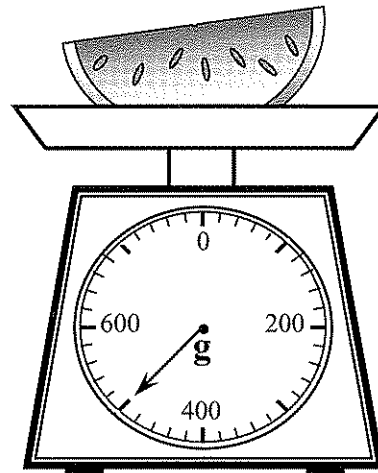
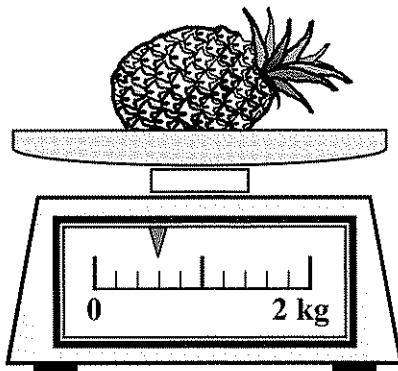


The time shown on the digital clock is _____ minutes past _____ in the * morning / afternoon (*circle the answer).

24. Jump Rope Class begins at 3:45 p.m. It lasts 35 minutes. What time in the afternoon does Jump Rope Class end?

Answer: Jump Rope Class ends at _____ minutes past _____ in the afternoon.

25.



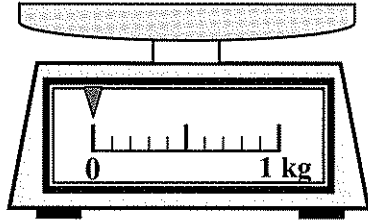
is heavier (*circle the answer);

it weighs _____ g more than the other fruit.

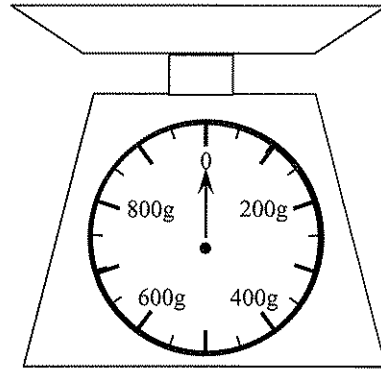
Please do not write in the margin.

Please do not write in the margin.

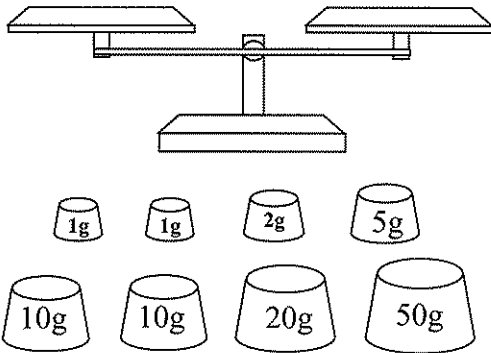
26. Which scale is most suitable to weigh a letter?



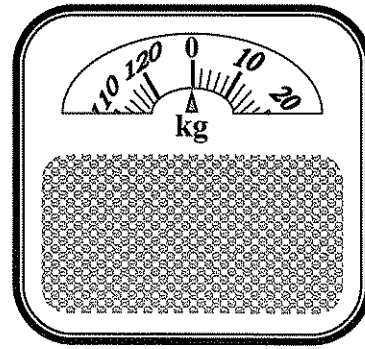
A.



B.



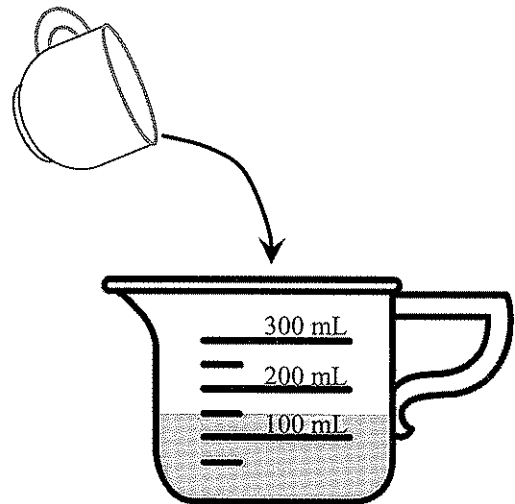
C.



D.

27.

A small cup is filled up with water. The water is poured into the measuring cup in the figure. The capacity of the small cup is _____ mL.

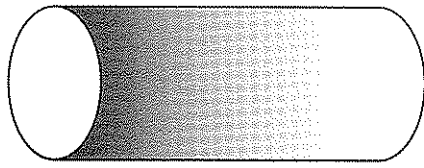


Please do not write in the margin.

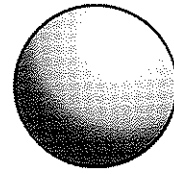
Please do not write in the margin.

Please do not write in the margin.

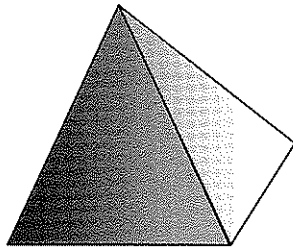
28. Name the following 3-D shapes.



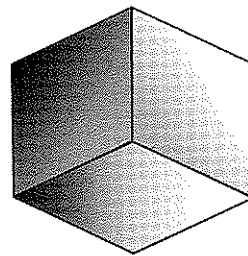
(a) Answer: _____



(b) Answer: _____

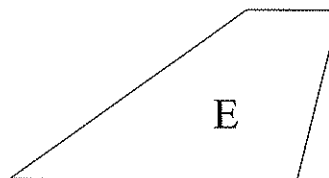
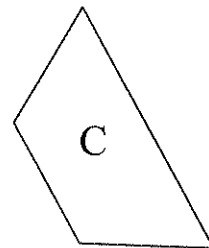
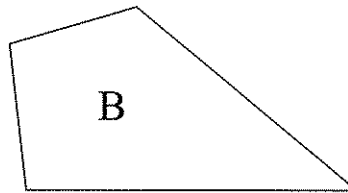
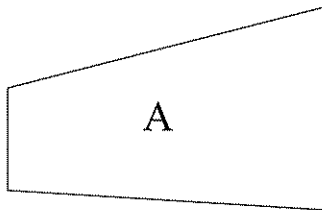


(c) Answer: _____



(d) Answer: _____

29. Follow the instruction. Write down the letter(s) for the answer(s).

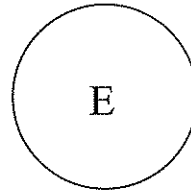
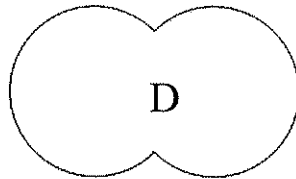
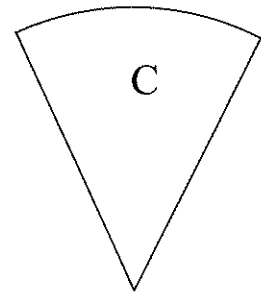
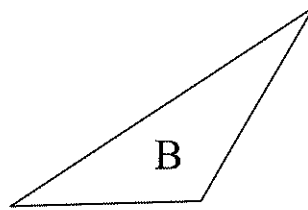
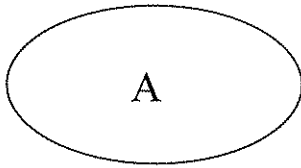


List all the trapezium(s): _____

Please do not write in the margin.

Please do not write in the margin.

30. Follow the instructions. Write down the letter(s) for the answer(s).

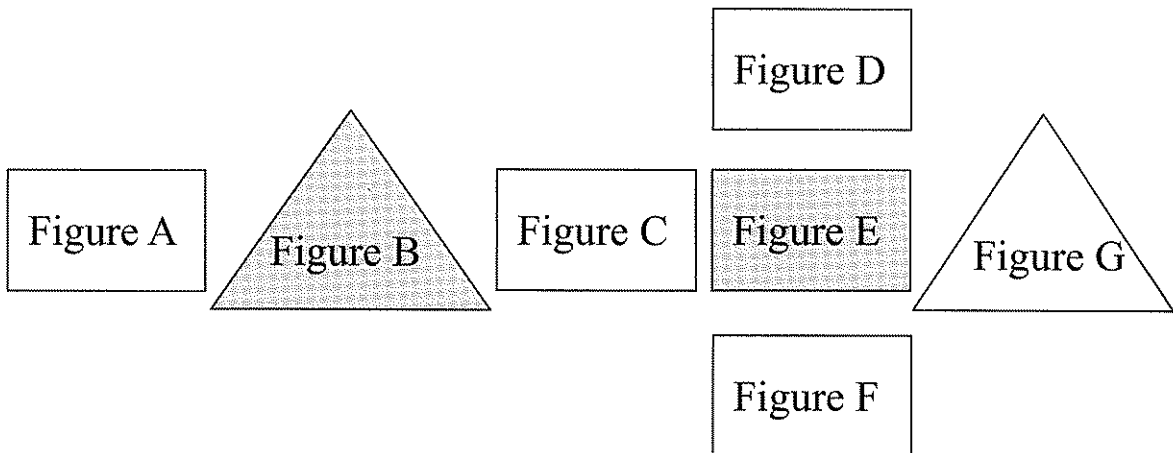


List:

(a) Circle(s): _____

(b) Triangle(s): _____

31. Write down the letter(s) for the answer(s).



(a) Which figure is above Figure E?

Answer: _____

(b) Which figures are at the left of Figure C?

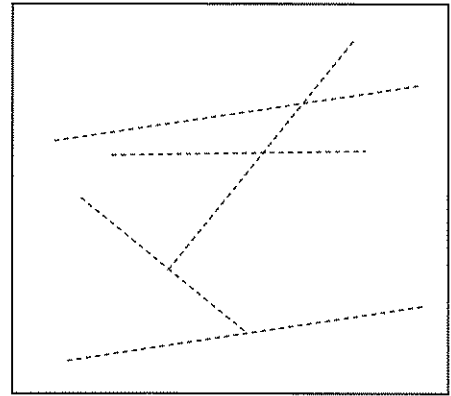
Answer: _____

Please do not write in the margin.

Please do not write in the margin.

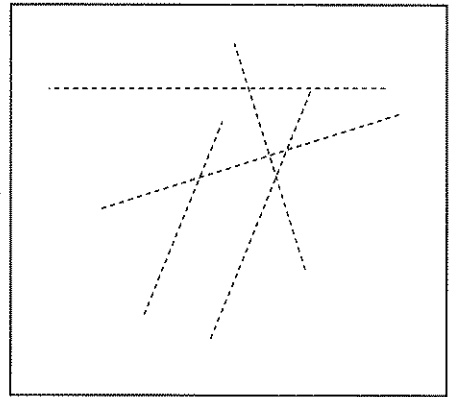
32. In Figure 1, draw on the dotted lines to show a pair of parallel lines.

Figure 1



In Figure 2, draw on the dotted lines to show a pair of perpendicular lines.

Figure 2



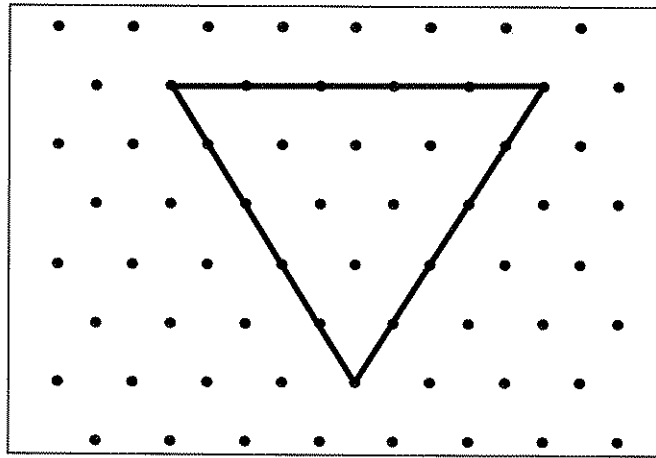
33. Which figure has a right angle?

- A.
- B.
- C.
- D.

Please do not write in the margin.

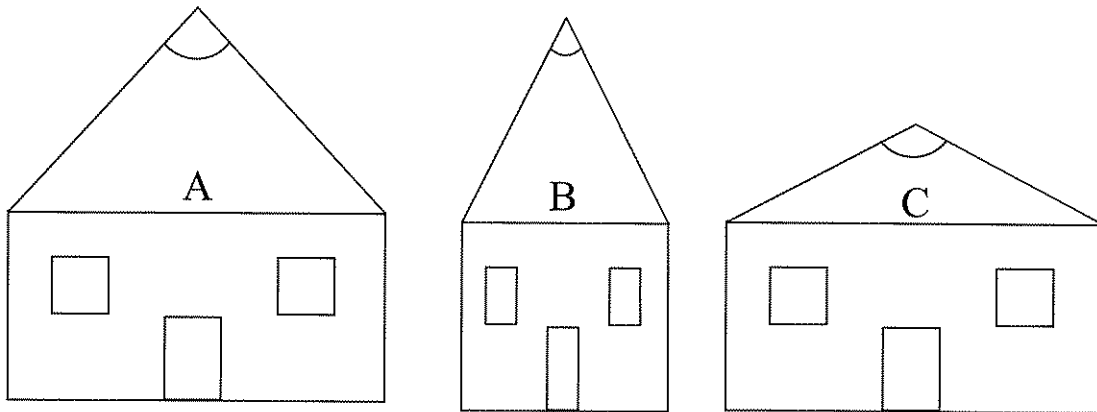
Please do not write in the margin.

34. Minnie uses rubber band to make a triangle on the pin-board:



This triangle is * equilateral / isosceles / right-angled .
(*Circle the answer)

35. Write down the letter(s) for the answers.

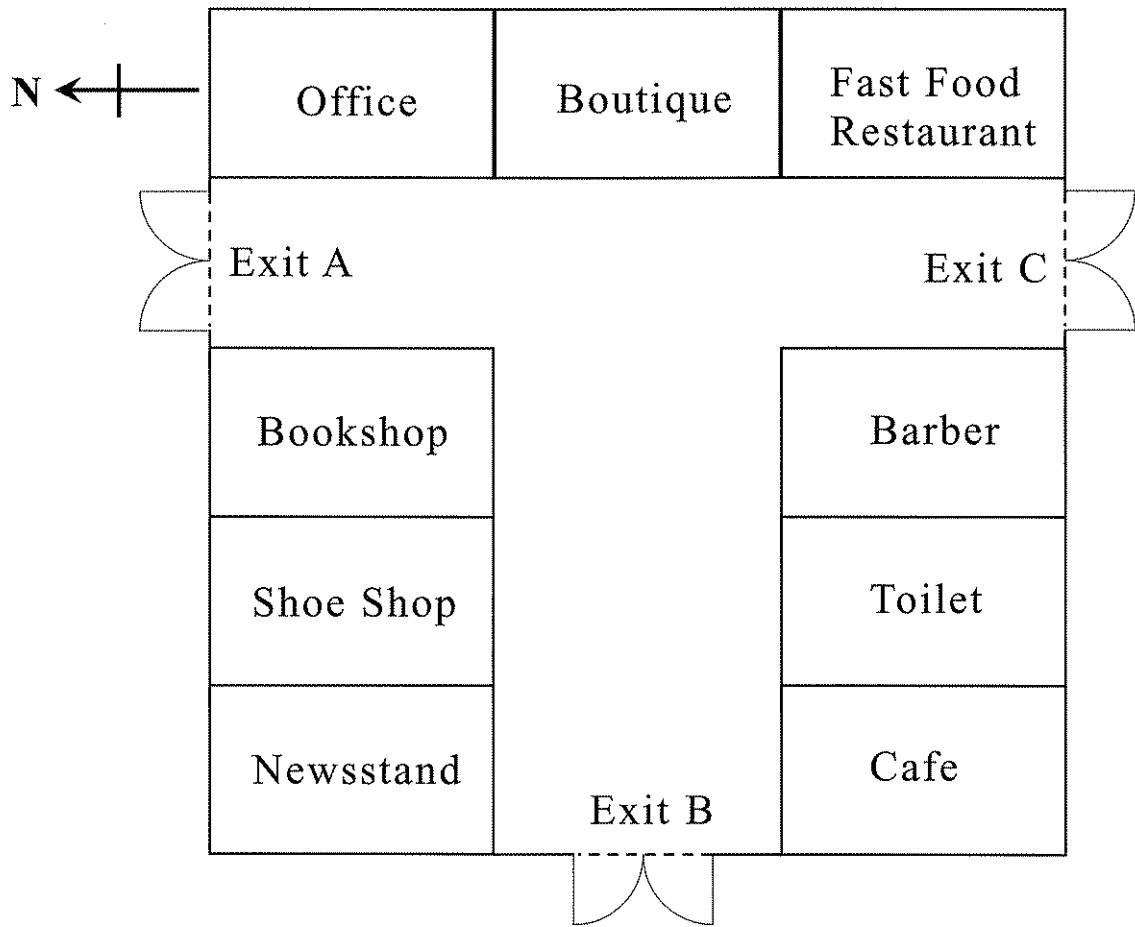


House _____ has the largest angle at the top.

House _____ has the smallest angle at the top.

Please do not write in the margin.

36. The map of a shopping centre is shown below.



Please do not write in the margin.

Please do not write in the margin.

- (a) Cafe is to the _____ of Fast Food Restaurant.
- (b) Bookshop is to the _____ of Barber.
- (c) In the shopping centre, Mr. Ma goes from Exit B to Exit C. He first goes _____, and then goes _____ (direction) _____ to reach Exit C. (direction)

37. Ben interviewed 27 classmates about the number of their family members. The results are as follows:

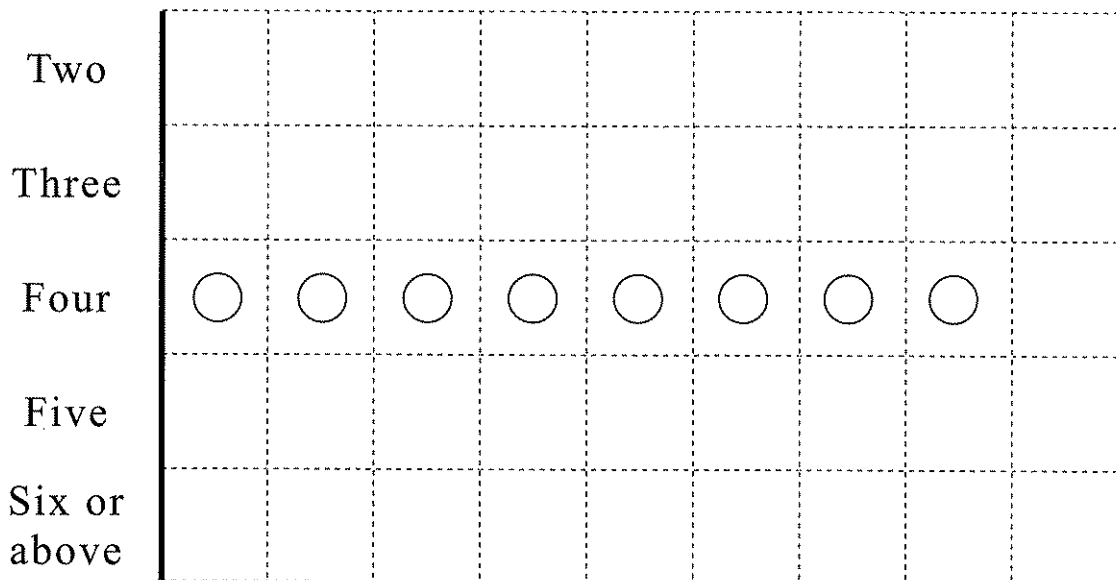
(a) According to the records, complete the table below.

No. of family members	Two	Three	Four	Five	Six or above
Records					
No. of families					

(b) According to the above table, complete the pictogram below and give it a title.

(Title)

Each ○ represents 1 family



Please do not write in the margin.

Please do not write in the margin.

©Education Bureau, HKSAR 2009
Prepared by the Hong Kong Examinations and Assessment Authority

2009-TSA-MATH-3ME4-20