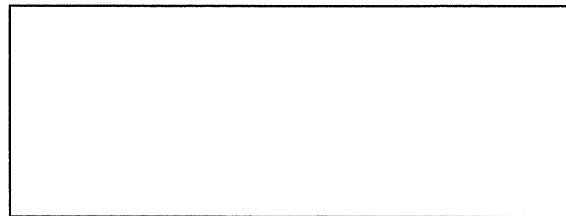


* 3 M E 4 *

3	M	E	4
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↑
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 2011
Primary 3
Mathematics

Instructions:

1. Stick barcode labels on pages 1, 3, 5, 7 and 9 in the spaces provided.
2. There are 37 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 spaces 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

1. Three 5-digit numbers are arranged from the largest to the smallest as shown below.

78 101 , , 76 011
(Largest) (Smallest)

Which of the following is the number in the blank?

- ☐ A. 76 001
☐ B. 76 010
☐ C. 78 100
☐ D. 78 110

2.

0 0 1 1 0

Use the 5 number cards above to form three different 5-digit numbers. Arrange the three numbers from the largest to the smallest.

Answer: _____ , _____ , _____
 (Largest) (Smallest)

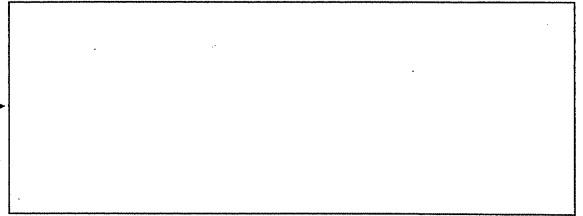
3. $180 + 77 + 652 =$ _____

4. $715 - 54 - 181 =$ _____

5. $4 \times 32 \times 5 =$ _____

6. $7 \times 251 =$ _____

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.

7. $983 \div 5 =$ _____

8. $713 - (432 + 187) =$

- ☐ A. 468
- ☐ B. 194
- ☐ C. 104
- ☐ D. 94

9. $328 + 29 \times 6 =$ _____

10. Mr Chan donates 107 dollars each month to a child sponsorship programme. He donates a total of _____ dollars in half a year.

11. The teachers have prepared 649 presents for the elderly. They have given away 145 presents on the first day and 209 presents on the following day. There are _____ presents left.

12. A talk is held in the school hall. There are 38 rows, each with 8 seats. When the talk starts, there are 17 empty seats. The total number of people attending the talk is _____.

Please do not write in the margin.

Please do not write in the margin.

13. Happy Bookshop gives a coupon for every 7 used books donated. Henry donates 112 used books. How many coupons does he get?
(Show your working)

14.



\$39.90



\$109.90

Peter buys a bag of rice and a plastic box. He has to pay _____ dollar(s) and _____ cent(s).

Please do not write in the margin.

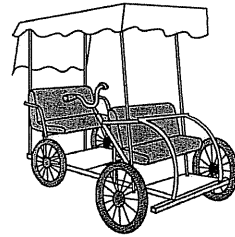
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15. The charges for renting bikes are shown below.



Children's bike
\$35



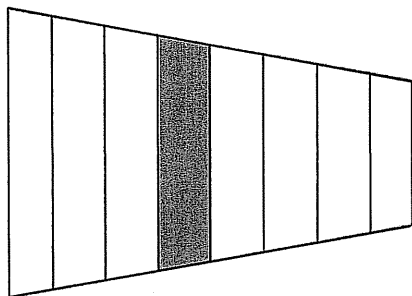
Four-wheel bike
\$59

Mr Chan and his family go cycling in the countryside.
They rent 1 four-wheel bike and 3 children's bikes. How
much does he pay altogether?
(Show your working)

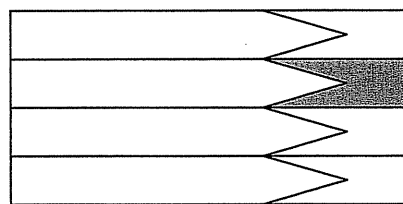
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Please do not write in the margin.

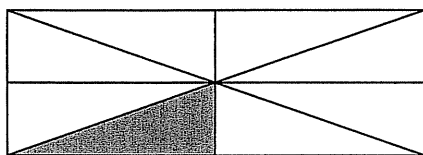
16. Which of the following has $\frac{1}{8}$ of the whole diagram shaded?



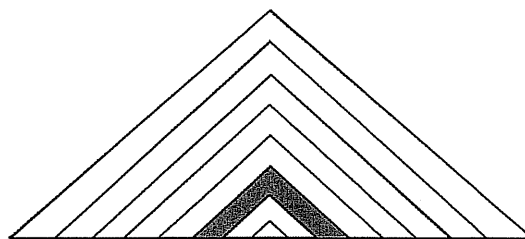
☐ A.



☐ B.

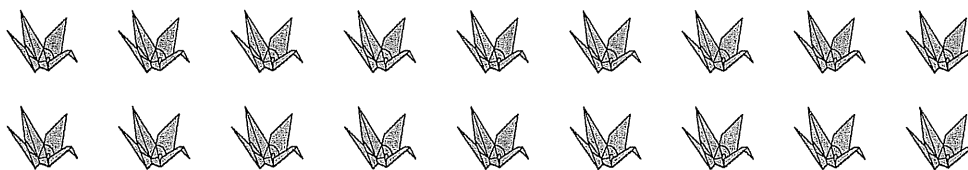


☐ C.



☐ D.

17.



Ann and Elaine make 18 paper birds altogether. Ann makes $\frac{1}{6}$ of the whole. Elaine makes

_____ * more / less paper birds than Ann does.

(*Circle the answer)

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Please stick the barcode label in the box

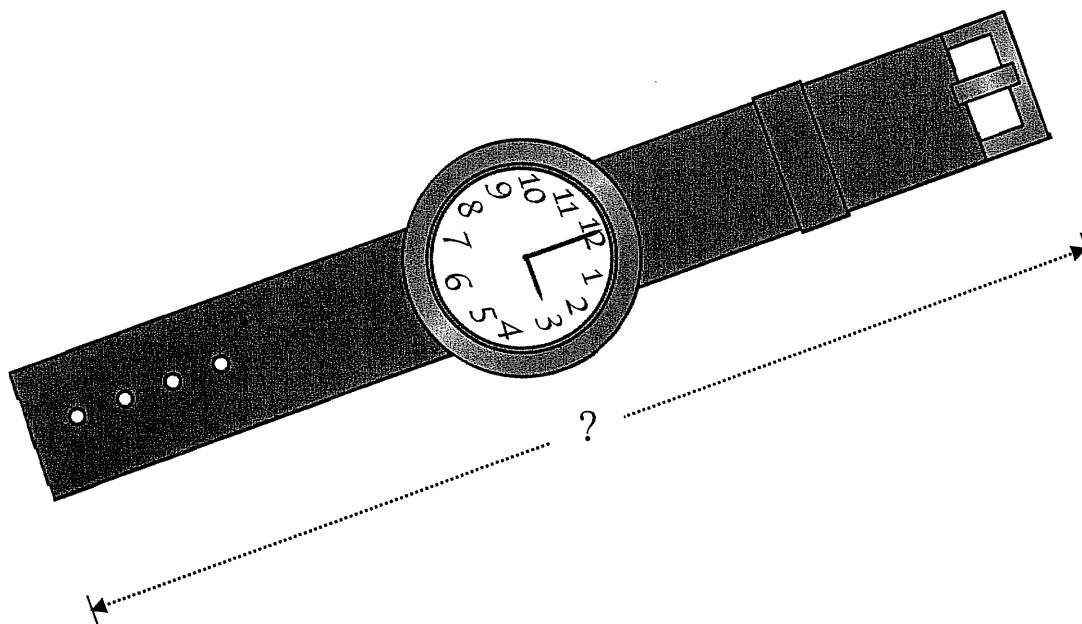


18. (a) $\frac{8}{8}$ is * smaller than / equal to / larger than 1.
(*Circle the answer)

- (b) Fill in the boxes with suitable numbers.

$$\frac{1}{2} \text{ is larger than } \frac{\boxed{}}{\boxed{}}.$$

19. The length of the watch is _____ mm.



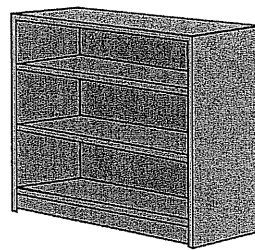
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Please do not write in the margin.

20. Danny buys a bookcase in a furniture store.

(a) Write the price of the bookcase.

Answer: _____ dollar(s)
and _____ cent(s).



\$ 323.50

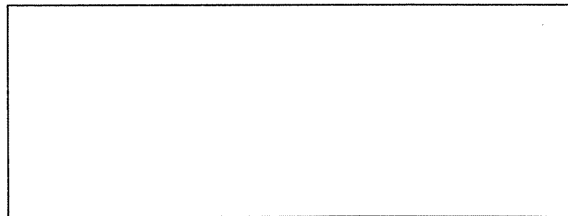
(b) Circle the money needed to buy the bookcase.



21. Write down a suitable measuring unit for each of the following.

- (a) The runway of Hong Kong International Airport is about 3800 _____ long.
- (b) Father's shoe is about 30 _____ long.
- (c) A newborn baby weighs about 3 _____.
- (d) A pack of candies weighs about 50 _____.

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22. Use the March calendar below to answer the following questions.

March						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		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	30	31		

- (a) The third Thursday of March is the School Open Day.
The date is the _____ of _____.
(month)
- (b) There are 6 days' school holidays.
The holiday will start on the 31st of March. The last day of the holiday is _____.
(day of the week)
- (c) This year is a common year.
The 28th of February is _____.
(day of the week)

Please do not write in the margin.

Please do not write in the margin.

Please do not write in the margin.

23. Aaron took part in a car race.

The race started at

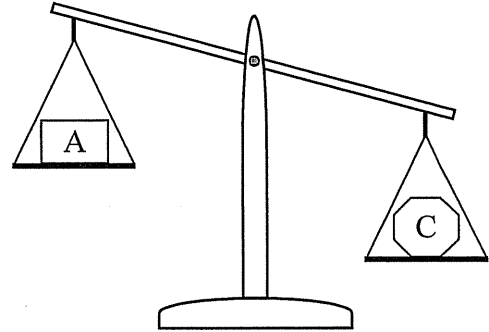
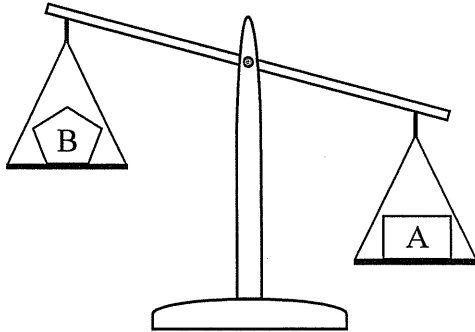
9:05:25 AM

He finished the race at

9:46:56 AM

He took _____ minute(s) and _____ second(s) to finish the race.

24.

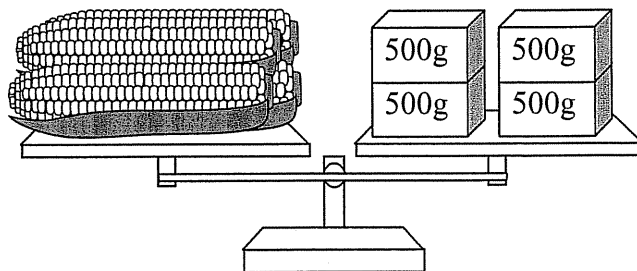
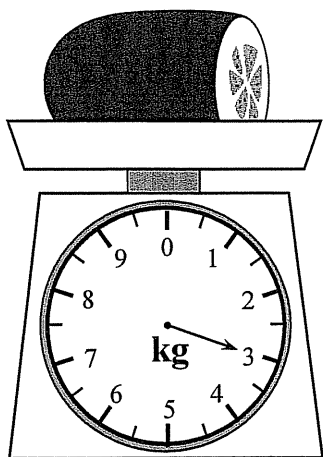


Compare the weights of A, B and C. Arrange them in order from the heaviest to the lightest.

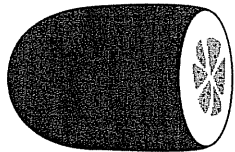
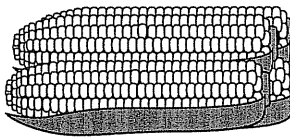
Answer: _____ , _____ , _____
(Heaviest) (Lightest)

Please do not write in the margin.

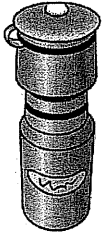
25.



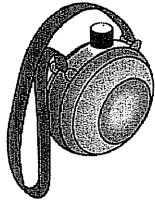
(a)  weighs _____ kg.

(b)  is * lighter / heavier than 
by _____ kg. (*Circle the answer)

26.

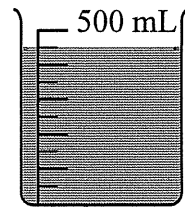
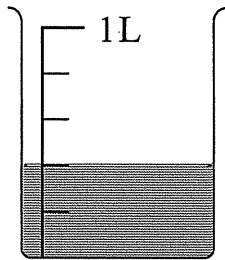
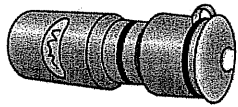


and

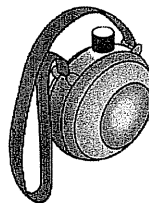
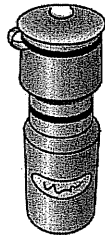


are filled up with water and then

poured into two beakers respectively.



The capacity of *



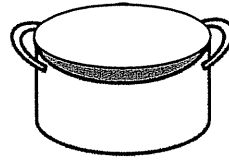
is larger.

(*Circle the answer)

The capacities of the two containers differ by

_____ mL.

27. To measure the capacity of a pot



which of the following tools is the most suitable?



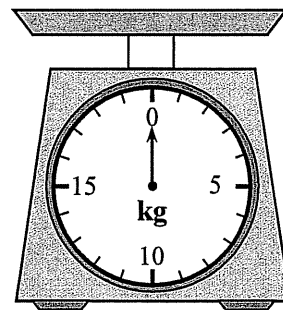
☐ A. a bowl



☐ B. a tea spoon



☐ C. a straw

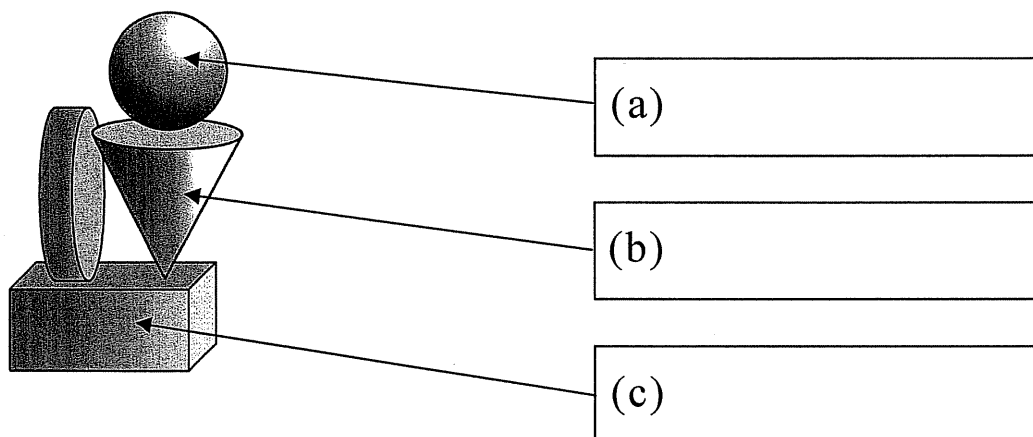


☐ D. a scale

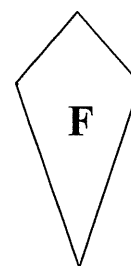
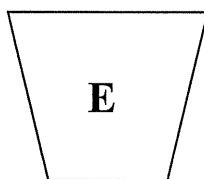
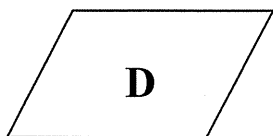
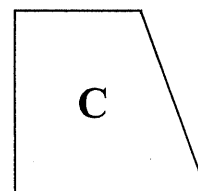
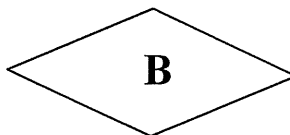
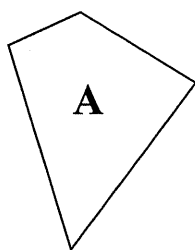
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28. The model below is made up of some 3-D shapes. Write their names in the boxes.



29. Study the 2-D shapes below. Write down all the letters for the answers.



List:

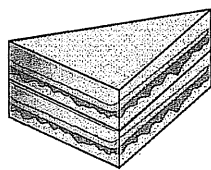
(a) Rhombus(es): _____

(b) Trapezium(s): _____

30. Follow the instructions. Write down all the letters for the answers.



A



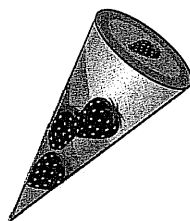
B



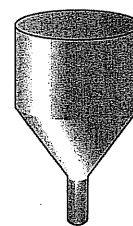
C



D



E



F

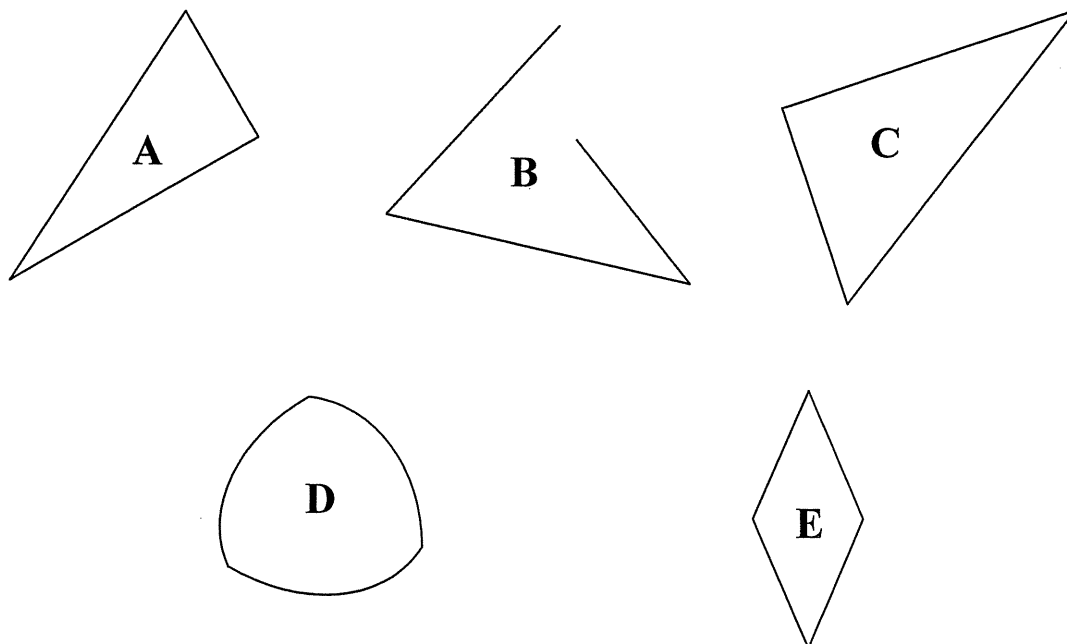
List:

(a) Sphere(s): _____

(b) Pyramid(s) / Cone(s): _____

(c) Prism(s) / Cylinder(s): _____

31.

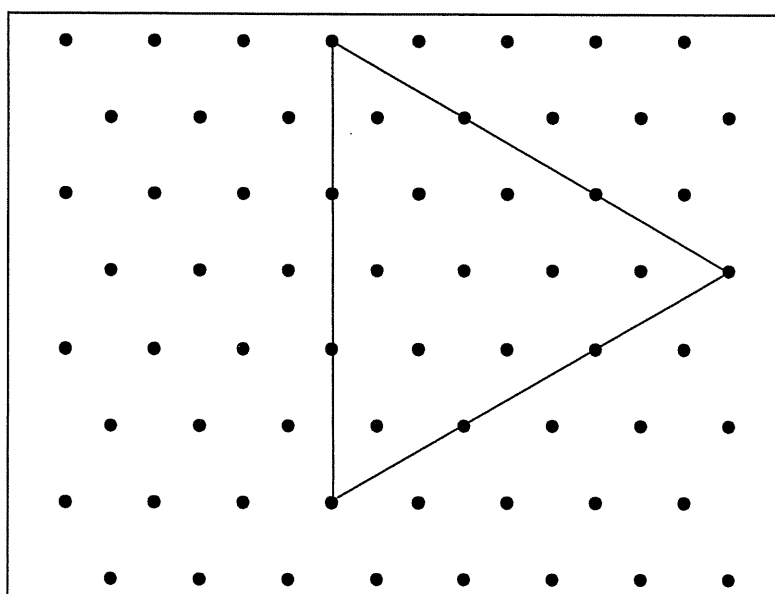


Which of the 2-D shapes above are triangles?
Write down all the letters for the answer.

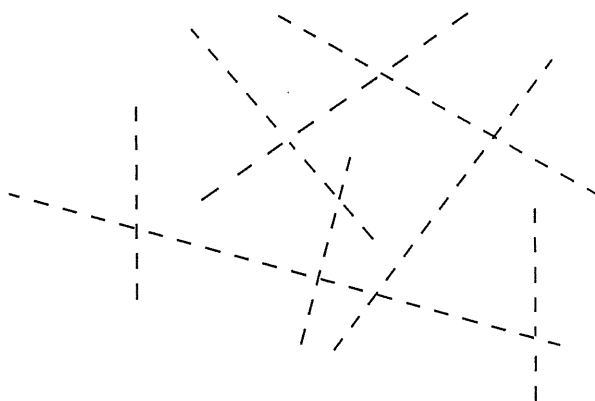
Answer: _____

32. Fanny uses a rubber band to make a triangle on the pin-board below.

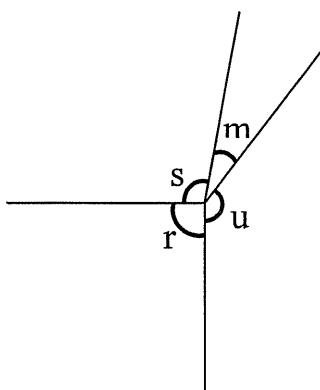
This is a/an _____ triangle.



33. In the figure below, draw along the dotted lines to show a pair of parallel lines.



34. Follow the instructions. Write down all the letters for the answers.

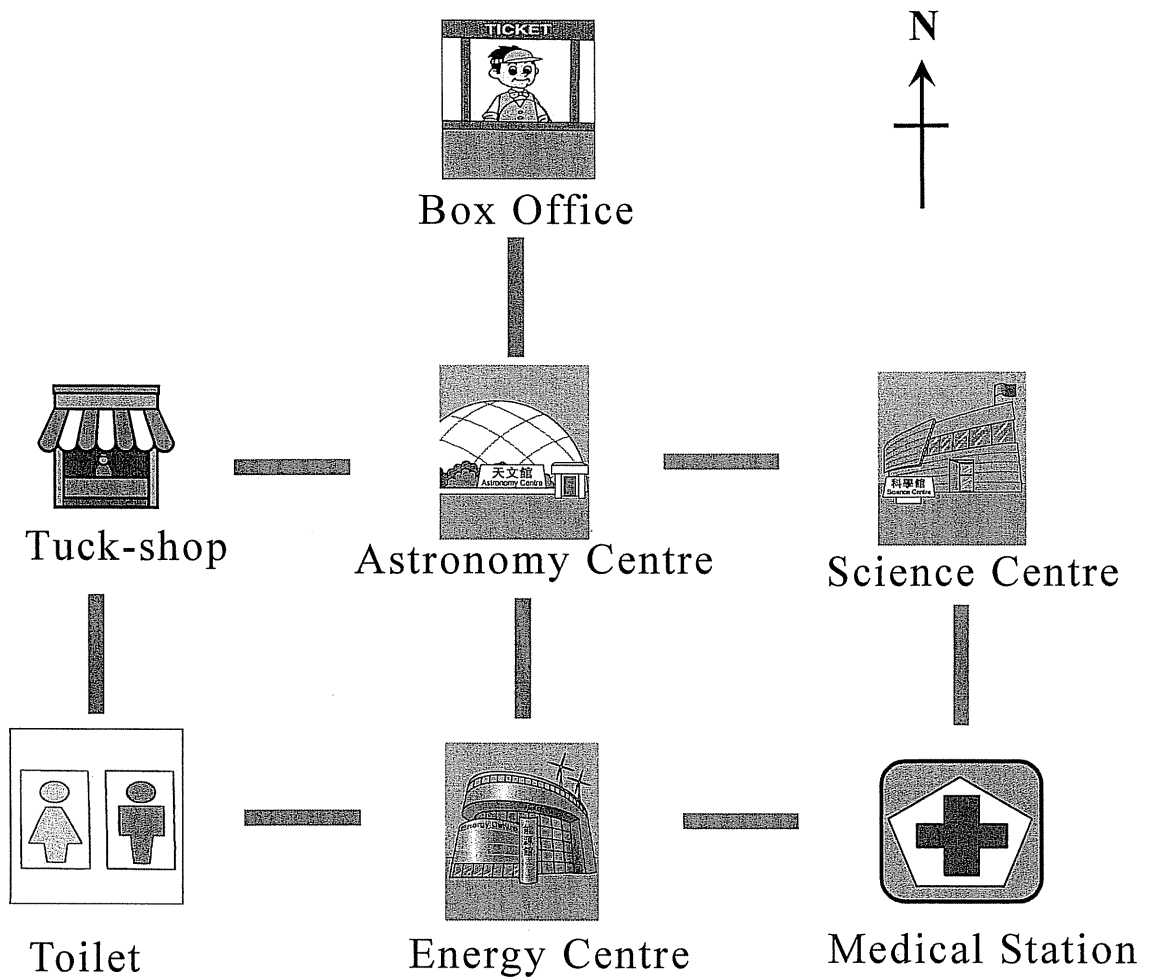


List:

(a) Right angle(s): _____

(b) Angle(s) smaller than a right angle: _____

35. Study the map of the Exhibition Centre below.



- (a) Medical Station is to the _____ of Toilet.
(direction)
- (b) Astronomy Centre is to the west of _____.
- (c) David goes to Tuck-shop from Box Office. He first goes _____, passes Astronomy Centre and
(direction)
then goes _____ to reach Tuck-shop.
(direction)

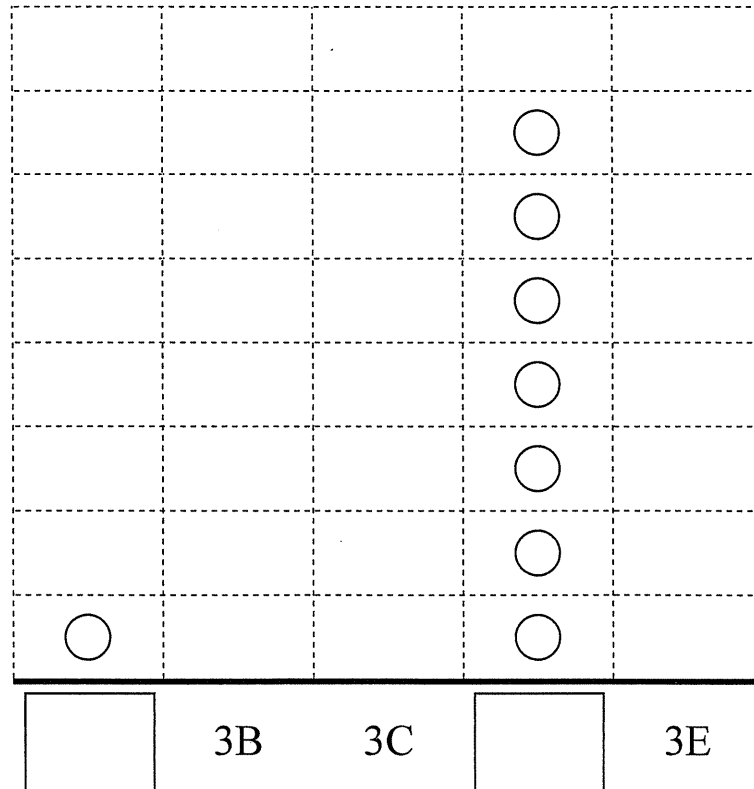
36. The following table shows the number of pupils awarded with prizes in the P.3 writing competition.

Class	3A	3B	3C	3D	3E
Number of pupils	1	3	4	7	5

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


(Title)

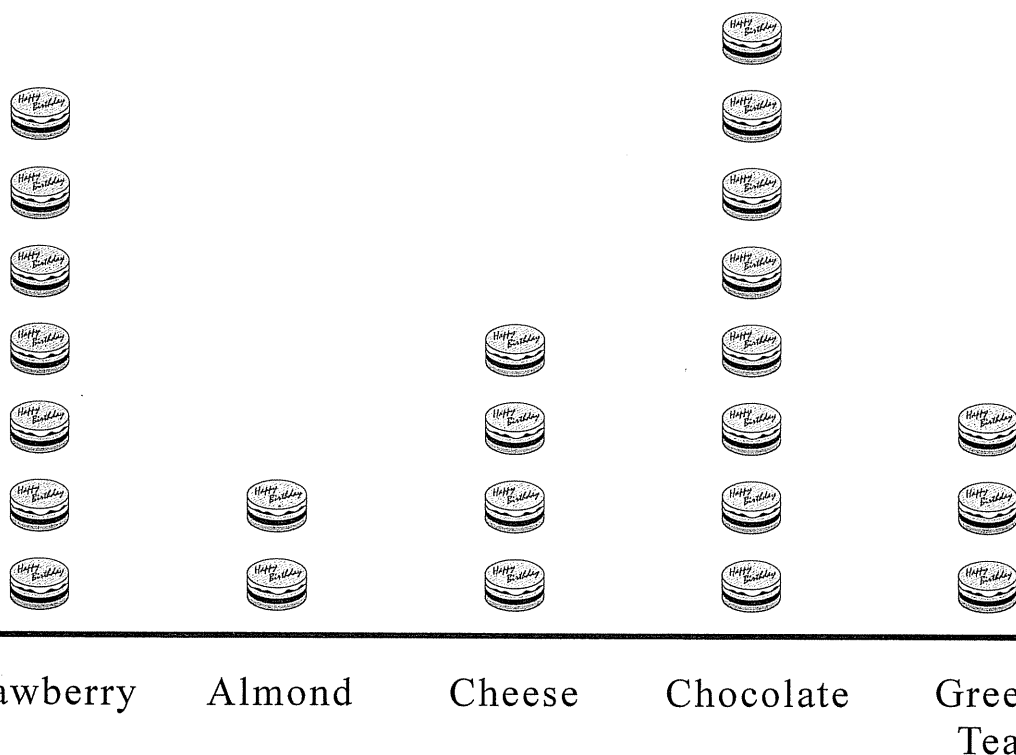
Each ○ stands for 1 pupil



37. The following pictogram shows the favourite types of cakes of P.3B pupils.

Favourite Types of Cakes of P.3B Pupils

Each  stands for 1 pupil



- (a) The most popular type of cakes is _____ and the number of pupils who like it is _____.
- (b) The number of pupils who favour green tea cakes is _____ * more / less than those who favour strawberry cakes. (*Circle the answer)
- (c) The number of P.3B pupils taking part in this survey is _____.

— END OF PAPER —