



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

--

↑
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 2008
Primary 3
Mathematics

Instructions:

1. Stick barcode labels on pages 1, 3, 5, 7 and 9 in the spaces provided.
2. There are 36 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	
---	--

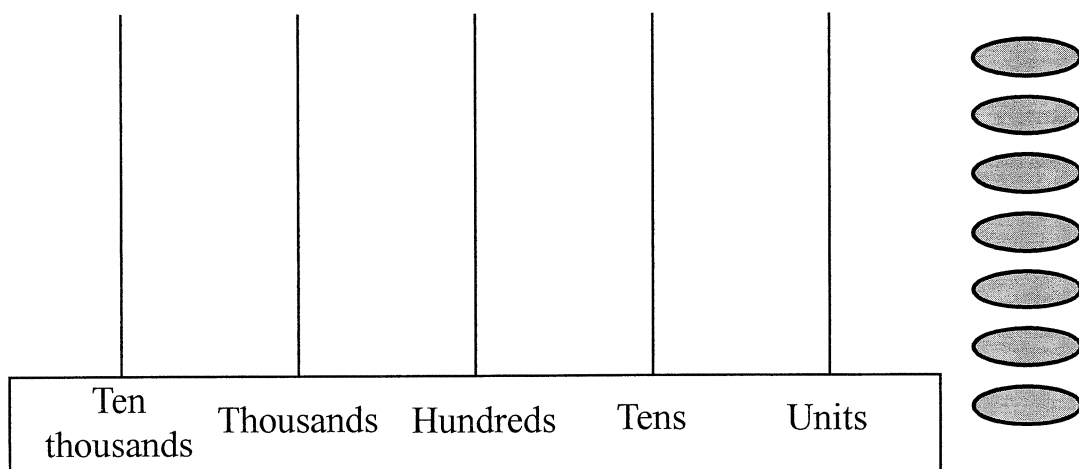
Class
No.
班號

--	--

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

Please do not write in the margin.

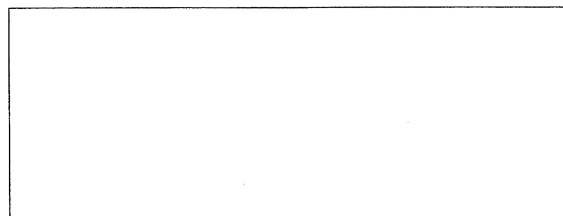
1. In the number 41 327,
(a) the digit in the units place is _____, and
(b) the value of the digit '3' is _____.
2. With 7 beads, what is the smallest 5-digit **even** number that can be shown on the abacus? Draw the beads on the abacus to show your answer.



3. $711 + 129 + 850 =$ _____
4. $873 - 334 =$ _____
5. $4 \times 206 =$ _____
6. $712 \times 8 =$ _____

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.

7. $714 \div 7 = \underline{\hspace{2cm}}$

8. $947 - (390 + 207) =$

- ☐ A. 350
- ☐ B. 450
- ☐ C. 597
- ☐ D. 764

9. $142 \times 3 - 234 = \underline{\hspace{2cm}}$

10. The amount of money in Sarah's piggy bank is shown below.



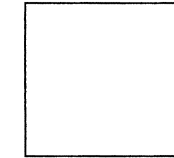
There are _____ dollars and _____ cents altogether.

Please do not write in the margin.

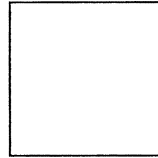
11. Arrange the following fractions from the largest to the smallest.

$$\frac{3}{8} \quad , \quad \frac{3}{12} \quad , \quad \frac{3}{7}$$

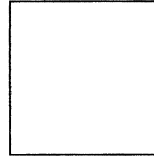
Answer:



,



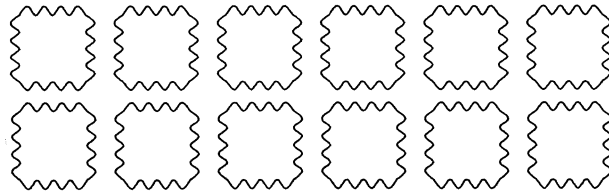
,



(Largest)

(Smallest)

12. Joan has 12 stickers.



$\frac{2}{3}$ of the stickers are  and the rest are .

(a) The number of  stickers is _____.

(b) Joan buys 3 more  stickers. Now  stickers

is $\frac{\boxed{}}{\boxed{}}$ of all the stickers.

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



13. Mother and John each bought an annual pass from Happy Park last year. Mother went to Happy Park 8 times over the year. On average, each admission for her cost

- ☐ A. \$38
☐ B. \$78
☐ C. \$116
☐ D. \$928

Annual Pass

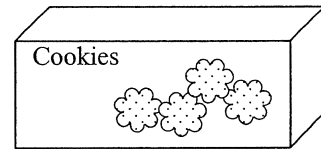
Adult	\$624
Child	\$304

14. Each magazine costs 7 dollars. A bookstall sells a total of 126 magazines in a week. How much money does the bookstall make?
(Show your working)

Please do not write in the margin.

Please do not write in the margin.

15. Mother bought 3 boxes of cookies, and paid with a \$500 note. How much change should she get? (Show your working)



\$57.00

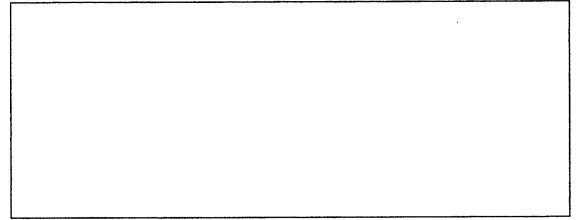
Blank area for showing working.

16. A shop joined the plastic bags reduction scheme. In February, it gave out 483 bags. In March, it gave out 172 fewer bags than in February.

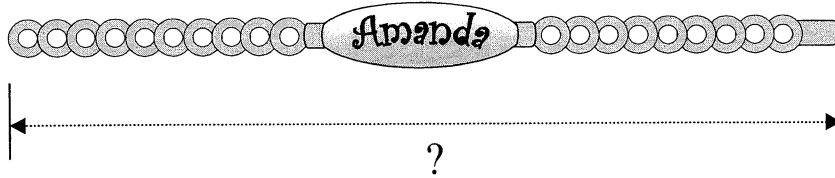
- (a) In March, the shop gave out _____ bags.
- (b) The shop gave out 975 bags in January. The total number of bags given out in February and March is _____ fewer bags than the number given out in January.

17. On the Tree Planting Day of the school, P.3 pupils planted 187 trees. This was 372 trees less than those planted by P.6 pupils. Altogether, P.3 and P.6 pupils planted _____ trees.

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



18. What is the length of Amanda's bracelet below?



- ☐ A. 11 mm
- ☐ B. 11 m
- ☐ C. 110 mm
- ☐ D. 110 cm

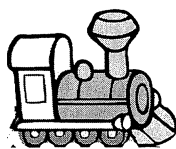
19. Fill in each of the following blanks with a suitable unit of length.

- (a) The height of the former Kowloon-Canton Railway Clock Tower is about 44 _____.
- (b) When using a computer, the least distance between the eyes and the screen should be about 40 _____.
- (c) The thickness of a window glass is about 4 _____.
- (d) The length of the Tsing Ma Bridge is about 2 _____.

Please do not write in the margin.

Please do not write in the margin.

20.



\$459.50

- (a) The price of the toy train is _____ dollars and _____ cents.

- (b) Father buys the toy train and pays with

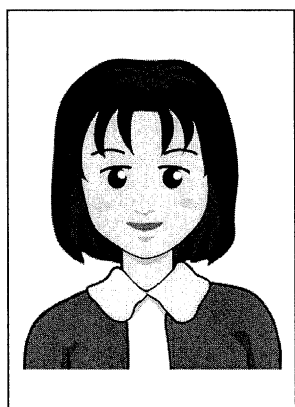


How much change should he get?

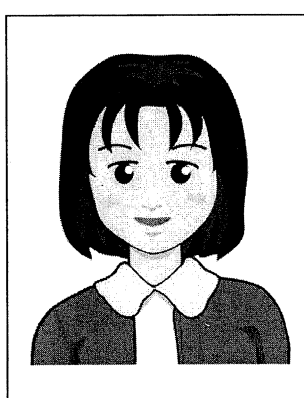
Circle the amount of change.



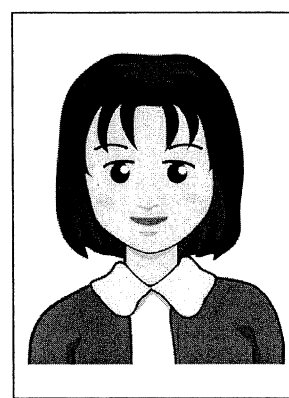
21. Cindy has to stick a photo of 51 mm length and 38 mm width in her student handbook. Which of the following photos is the most suitable?



☐ A.

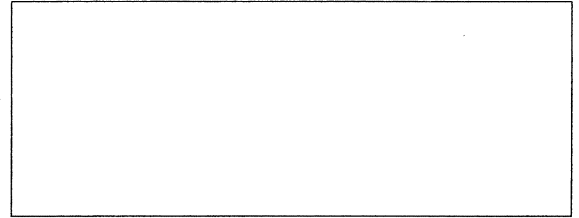


☐ B.



☐ C.

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



22.

January 2008						
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	30	31		

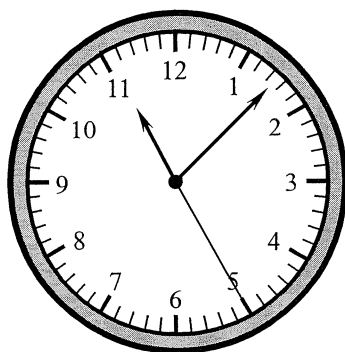
- (a) Lucy's school examinations are arranged on three consecutive school days – Friday, Monday and Tuesday. If the first examination date is the 11th of January, then the third examination date is the _____ of _____.
(month)
- (b) The fourth Monday of January is the Open Day of Lucy's school. The date is the _____ of _____.
(month)
- (c) This year is a leap year. There are _____ days in February.

Please do not write in the margin.

Please do not write in the margin.

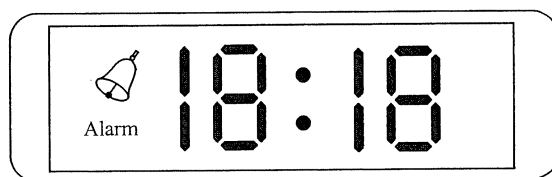


23.



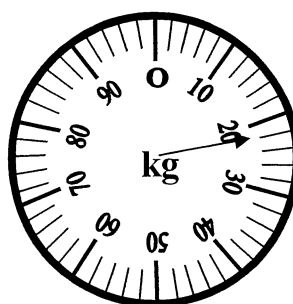
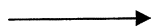
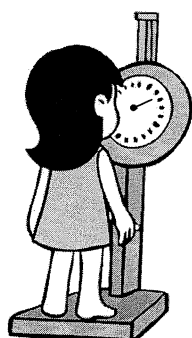
- (a) The clock above shows the time the fire station receives a call. It is _____ minutes and _____ seconds past _____.
- (b) The fire engine arrives 5 minutes and 30 seconds later. The time is _____ minutes and _____ seconds past _____.

24.



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

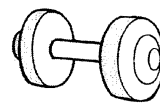
25.



The weight of Susan is _____. (Give your answer with a unit.)

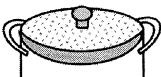
26. Fill in each of the following blanks with a suitable unit of weight.

(a) The weight of a dumbbell is about 2 _____.

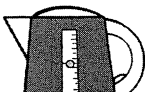


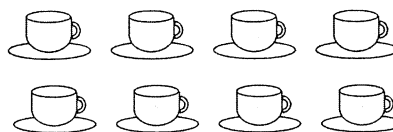
(b) The weight of a bag of chewing gum is about 25 _____.




27. One  of water can fill up



One  of water can fill up



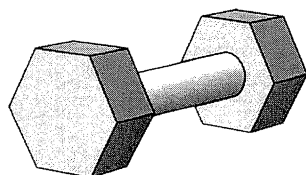
One  of water can fill up



One  of water can fill up _____



28.

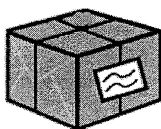


The above 3-D shape is made up of **one** _____ and **two** _____.

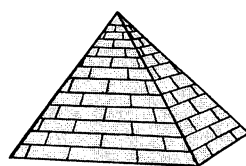
29. Write the letter(s) for the answers according to the instructions.



A



B



C



D



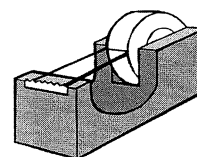
E



F



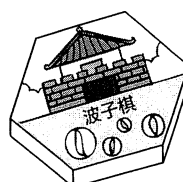
G



H



I



J

List:

(a) Sphere(s): _____

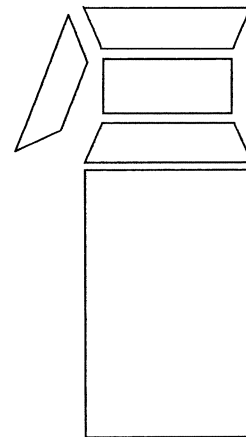
(b) Prism(s) / Cylinder(s): _____

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

Please do not write in the margin.

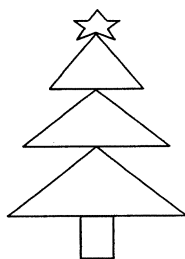
Please do not write in the margin.

30. Look at the diagram of a fire extinguisher on the right. What types of 2-D shapes is it made up of?

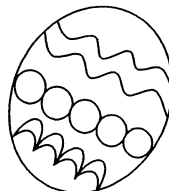


Answer: It is made up of _____
and _____.

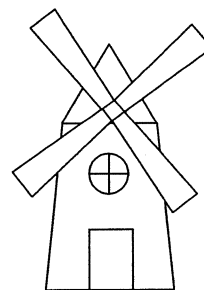
31. Write the letter(s) for the answers according to the instructions.



A



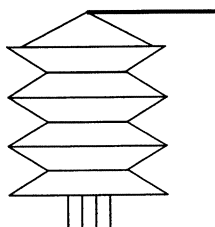
B



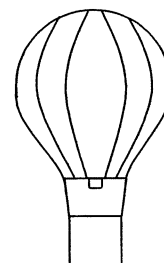
C



D



E



F

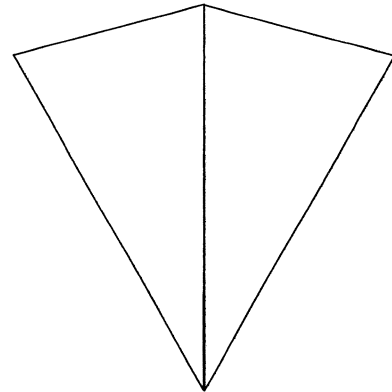
List:

(a) Figure(s) made up of straight lines only:

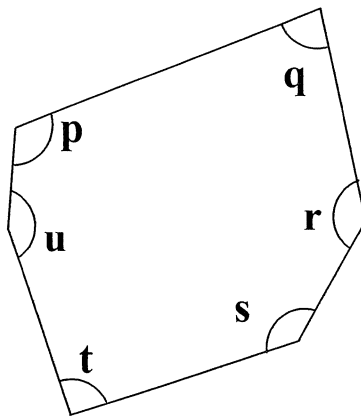
(b) Figure(s) made up of straight lines and curves:

32. What type of triangle is the figure on the right made up of?

- ☐ A. Isosceles triangles
- ☐ B. Equilateral triangles
- ☐ C. Right-angled triangles
- ☐ D. Scalene triangles



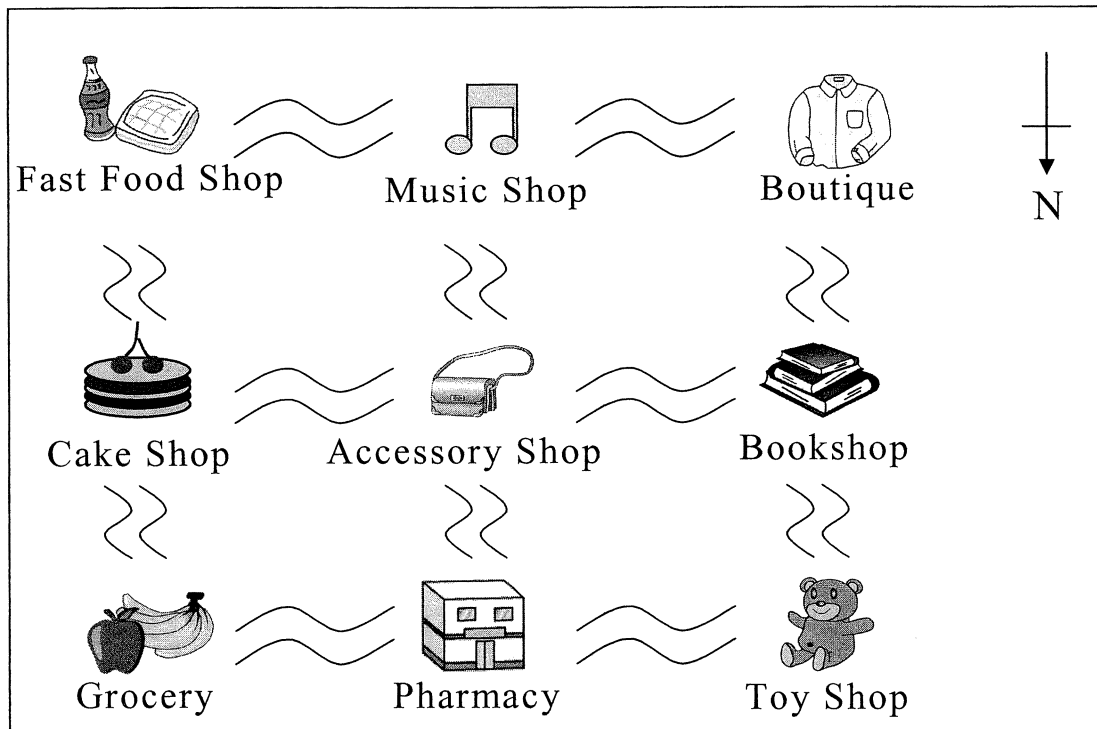
33. Study the diagram below. Which of the following statements are correct? Write the letters for the answer.



- A. Angle **q** is the smallest
- B. Angle **p** and Angle **q** are equal
- C. Angle **s** is larger than a right angle
- D. Angle **r** and Angle **t** are smaller than a right angle

Answer: _____

34. The map below shows the location of shops in a town centre.




- (a) The Cake Shop is to the _____ of the Fast Food Shop.
(direction)
- (b) The Accessory Shop is to the west of the _____.
- (c) Fiona is going from the Bookshop to the Music Shop. She first goes _____, passes the _____, and then goes _____ to reach the Music Shop.
(direction)

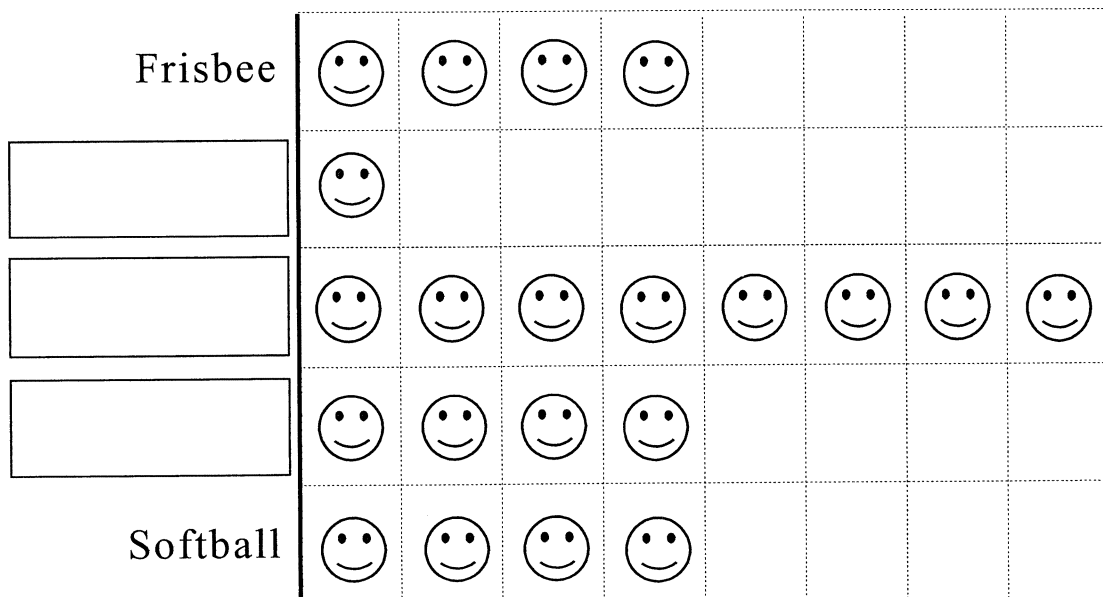
35. Mr. Lam has done a survey of P.3B pupils on the games they wish to play on Sports Day.

Sports	Frisbee	Hockey	Table Tennis	Basketball	Softball
No. of pupils	6	1	8	7	4

According to the above results, complete the pictogram below.

Games that P.3B Pupils Wish to Play on Sports Day

Each  represents 1 pupil



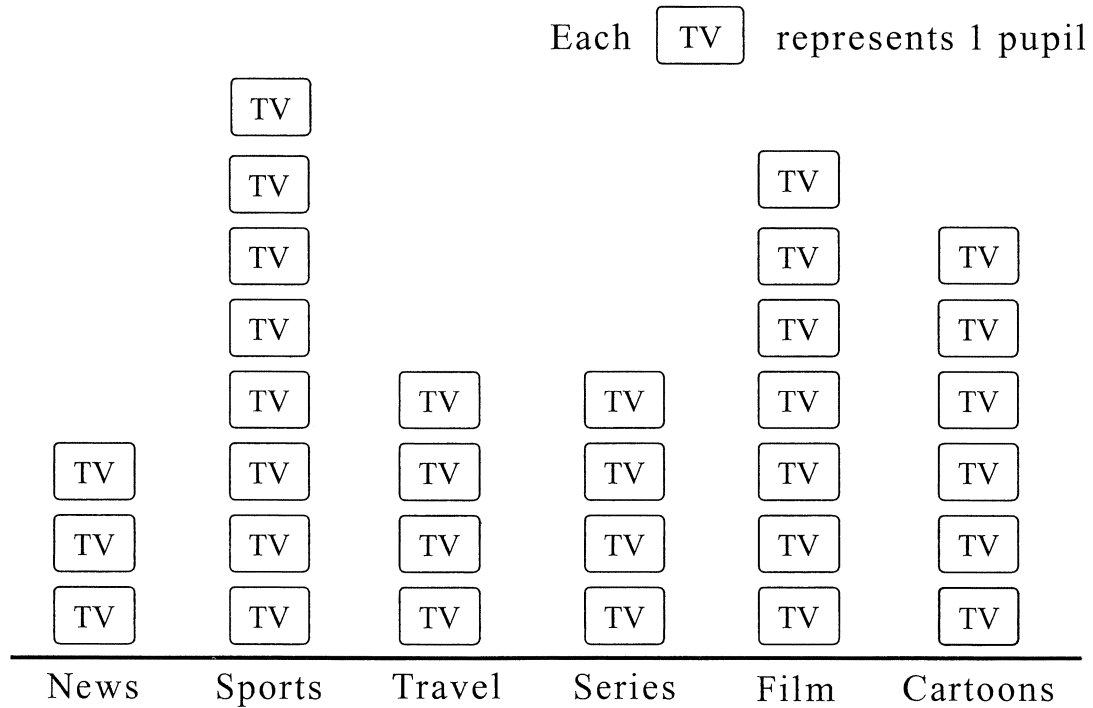
Please do not write in the margin.

Please do not write in the margin.

Please do not write in the margin.

36. Miss Chan has done a survey on the favourite types of television programmes of P.3A pupils. The results are as follows:

**Favourite Types of Television Programmes
of P.3A Pupils**



Please do not write in the margin.

- (a) The most popular type of television programme is _____, and the number of pupils who like it is _____.
- (b) The number of pupils who like Cartoons is twice of those who like _____.
- (c) When Miss Chan was doing the survey, 2 pupils were absent. Originally, there are _____ pupils in P.3A.

— END OF PAPER —

