* 3 M E 4 *

3	M	E	4

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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

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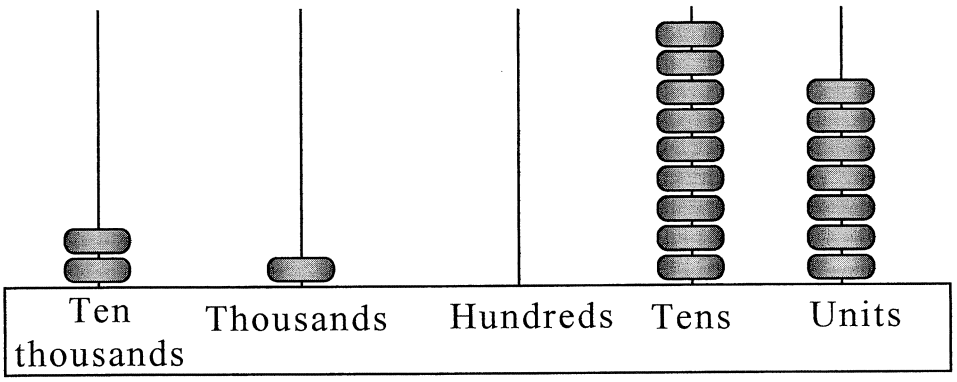
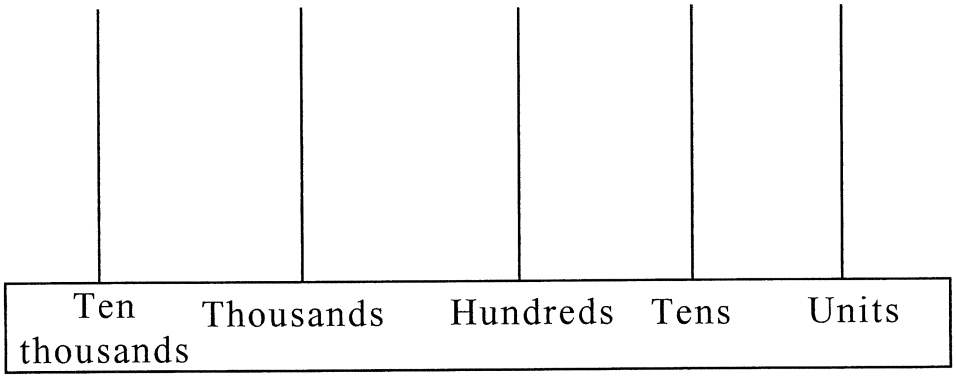
1.



The abacus above shows a 5-digit number. Add 3 to this number, and draw beads on the abacus below to show the answer.



2.

2	1	6	2	7

Arrange the 5 number cards above to form the largest 5-digit **even** number.

Answer: | | | | | |
|---|---|---|---|---|

3. $308 + 143 =$ _____

4. $810 - 207 =$ _____

5. $9 \times 45 \times 2 =$ _____

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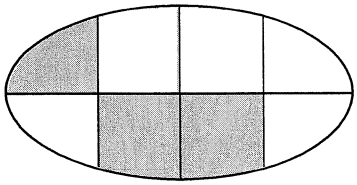
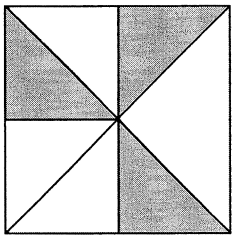
6. $604 \div 4 =$ _____

7. $268 + 59 \times 8 =$ _____

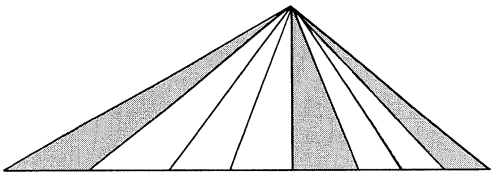
8. Which of the following figures is $\frac{3}{8}$ shaded?



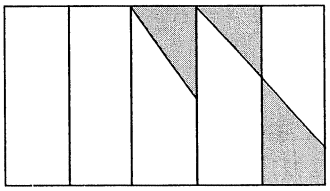
○ A.



○ B.



○ C.



○ D.

9. Which of the following fractions are equal to 1?

$\frac{1}{5}$, $\frac{7}{7}$, $\frac{4}{8}$, $\frac{16}{16}$, $\frac{9}{19}$

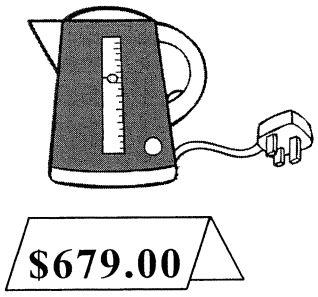
Answer: _____

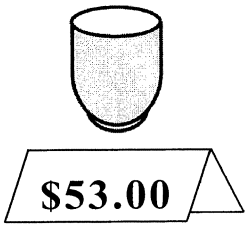
10. (a) 1 can be exchanged for _____ .

(b) 1 and 1 can be exchanged for _____ .

(c) 20 can be exchanged for _____ .

11. Daisy has 726 dollars. She spends 121 dollars in a supermarket and 482 dollars on a cake. She has _____ dollars left.

12. 



Ben has 956 dollars and goes to buy some kitchenware.

(a) After buying a kettle, he has _____ dollars left.

(b) Ben wants to buy 6 cups with the rest of the money. He needs _____ dollars more.

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13. There are 173 boys and 190 girls in a school. Miss Wong plans to give each pupil a bookmark. She has 289 bookmarks. How many more bookmarks does she need? (Show your working)

14. 119 pupils join the school picnic. Each teacher can take care of 9 pupils at most. How many teachers are needed at least?
(Show your working)

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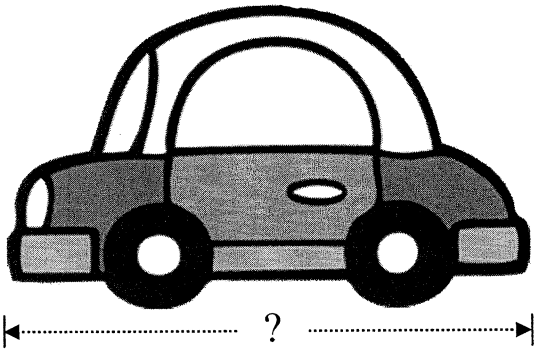
15.

Cooking Course	Ingredient Fees
Dim Sum	$43 (2 types)
Dessert	$63 (3 types)

(a) The average cost of each type of dim sum is _____ dollars and _____ cents.

(b) On average, each type of dessert is cheaper than each type of dim sum by _____ dollars and _____ cents.

16.



The length of the toy car above is _____. (Give your answer with a unit.)

17. Fill in each of the following blanks with a suitable unit of measurement.

(a) The weight of a suitcase of a passenger is about 20 _____.

(b) The thickness of a dictionary is about 55 _____.

(c) The width of a school hall is about 22 _____.

(d) The weight of a pack of crisps is about 110 _____.

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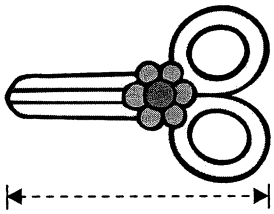
18.



It is most suitable to measure the length of a pair of children scissors with

Arm length

○ A.

Finger span

○ B.

Finger width

○ C.

Foot span

○ D.

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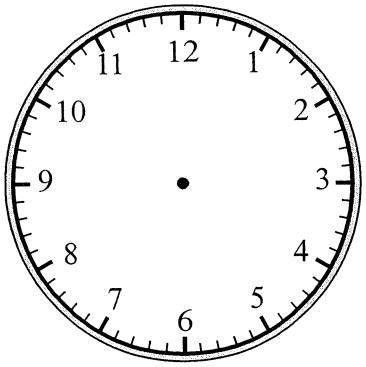
19. Jenny went to the cinema at twenty minutes to eleven. Draw the hour hand and the minute hand on the clock face to show the time.



20.

August 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) Sophia goes to Lantau Island on the third Wednesday of August. The date is the _____ of _____ .
(month)

(b) After the summer holidays, school begins on _____, the 1st of September.
(day of the week)

(c) Swimming lessons are held every Tuesday and Friday. There are _____ swimming lessons in August.

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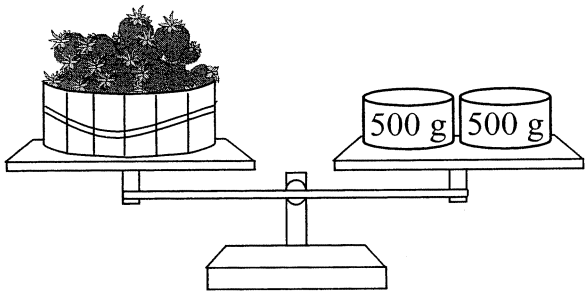
21. The table on the right shows the ferry schedule from Central to Mui Wo.

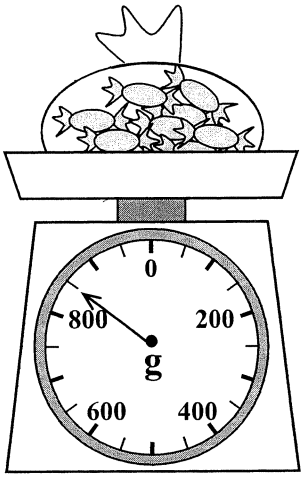
Ferry Schedule Central → Mui Wo
09 : 00
09 : 30
10 : 30
11 : 10
11 : 50
12 : 30
13 : 10
13 : 50

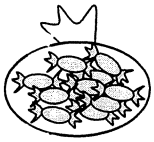
(a) It takes 35 minutes to go from Central to Mui Wo by ferry. The ferry departs at 09 : 30 and arrives in Mui Wo at _____ : _____ .

(b) William arrives at the Central pier at 12 : 55. The earliest ferry he can take will leave at _____ minutes past _____ in the * morning / afternoon (* circle the answer).

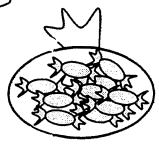
22.





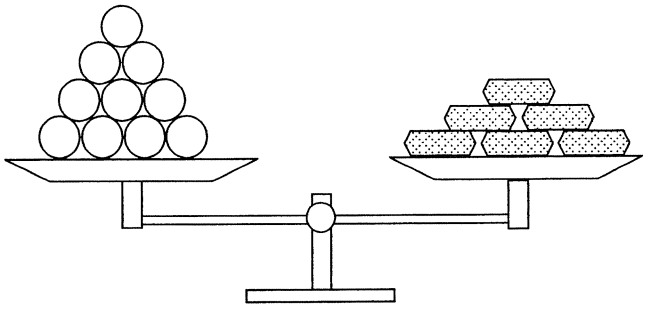
(a)  weighs _____ g.

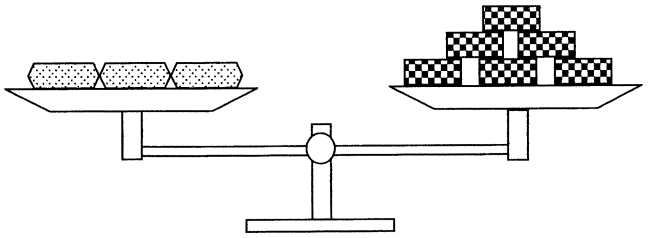
(b) is *lighter / heavier (*circle the answer)

than  by _____ g.

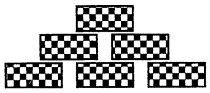
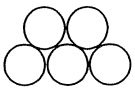
Go on to the next page

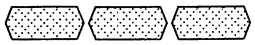
23.





Study the above diagrams. Which of the following is correct?

○ A.  and  weigh the same

○ B.  is lighter than

○ C. and weigh the same

○ D. is heavier than

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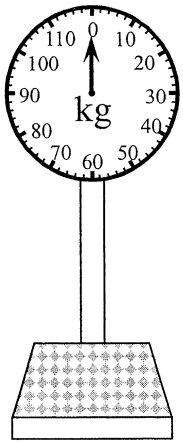
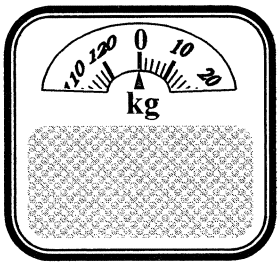
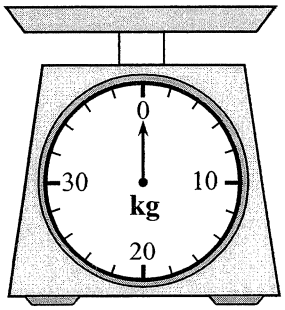
24. A shopkeeper wants to weigh the sweets that the customers buy. Which of the following scales is the most suitable?



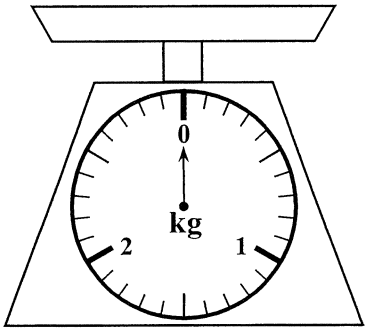
○ A.



○ B.

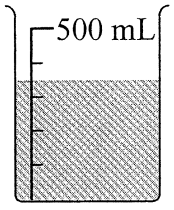


○ C.

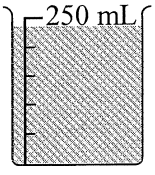


○ D.

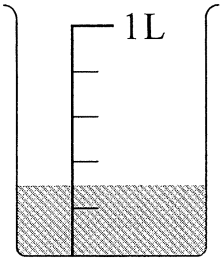
25. Arrange the three beakers below according to the amount of water, from the smallest to the largest. Write the letters for the answer.



A



B



C

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

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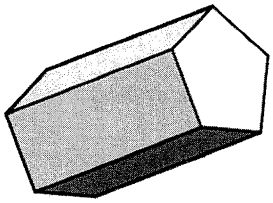
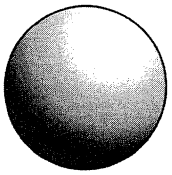
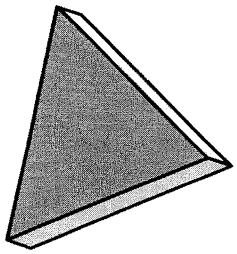
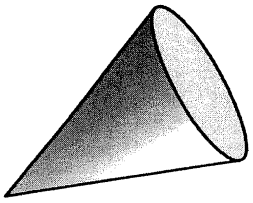
26. Name the following 3-D shapes.





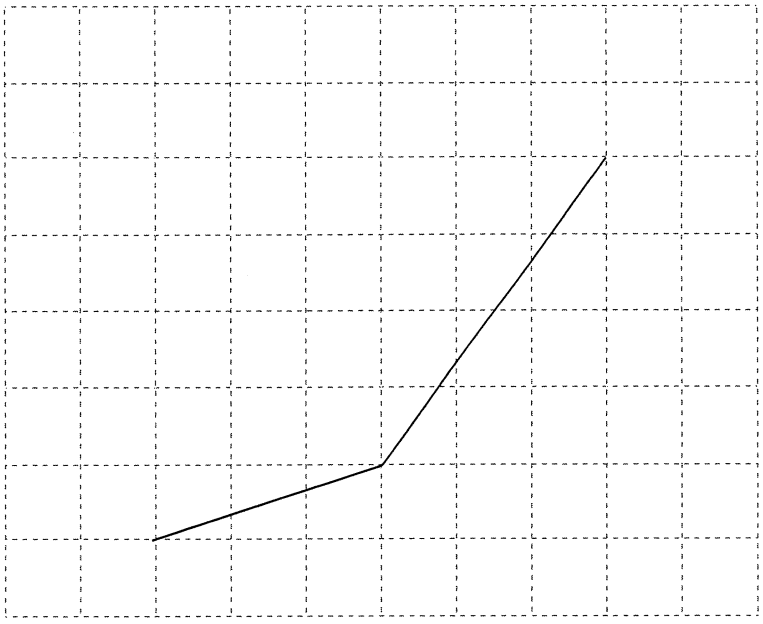
(a) Answer: _____ (b) Answer: _____





(c) Answer: _____ (d) Answer: _____

27. In the figure below, add two straight lines to form a parallelogram with the two given straight lines.



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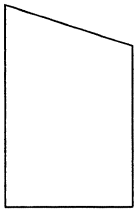
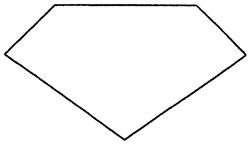
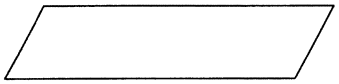
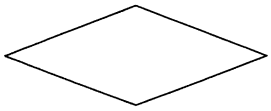
28. Name the following 2-D shapes.





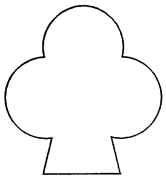
(a) Answer: _____ (b) Answer: _____



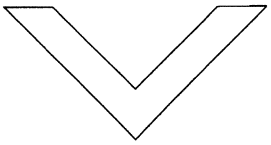


(c) Answer: _____ (d) Answer: _____

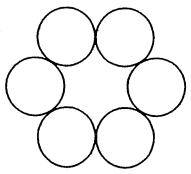
29. Write the letter(s) for the answers according to the instructions.



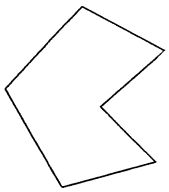
A



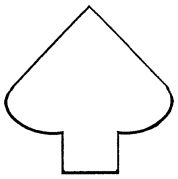
B



C



D



E

List :

(a) Figure(s) made up of straight lines, curves and parallel lines: _____

(b) Figure(s) made up of curves only: _____

(c) Hexagon(s): _____

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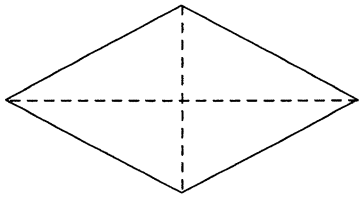
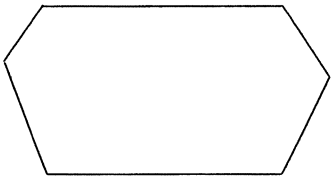
30.

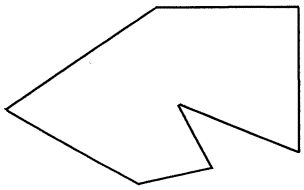


By cutting along the dotted lines on the figure shown above, we can get four _____ triangles.

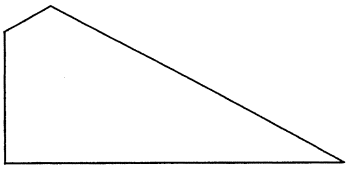
31.



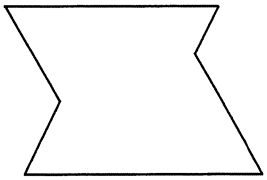
A



B



C



D

(a) Which of the above 2-D shapes have a right angle? Write the letters for the answer.

Answer: _____

(b) Which of the above 2-D shapes have parallel lines? Write the letters for the answer.

Answer: _____

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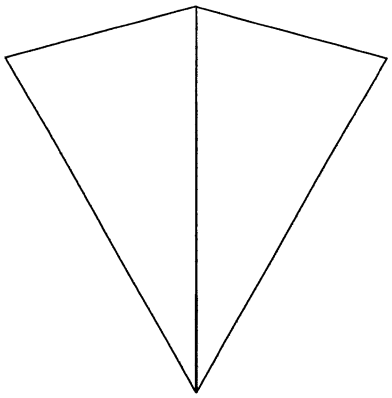
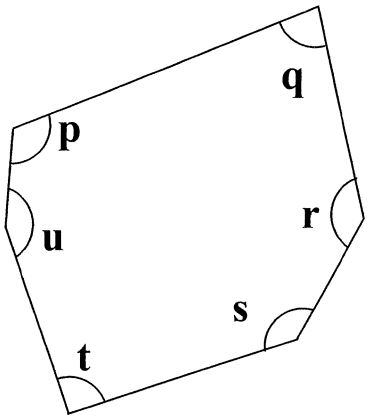
32. What type of triangle is the figure on the right made up of?



- ○ 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: _____

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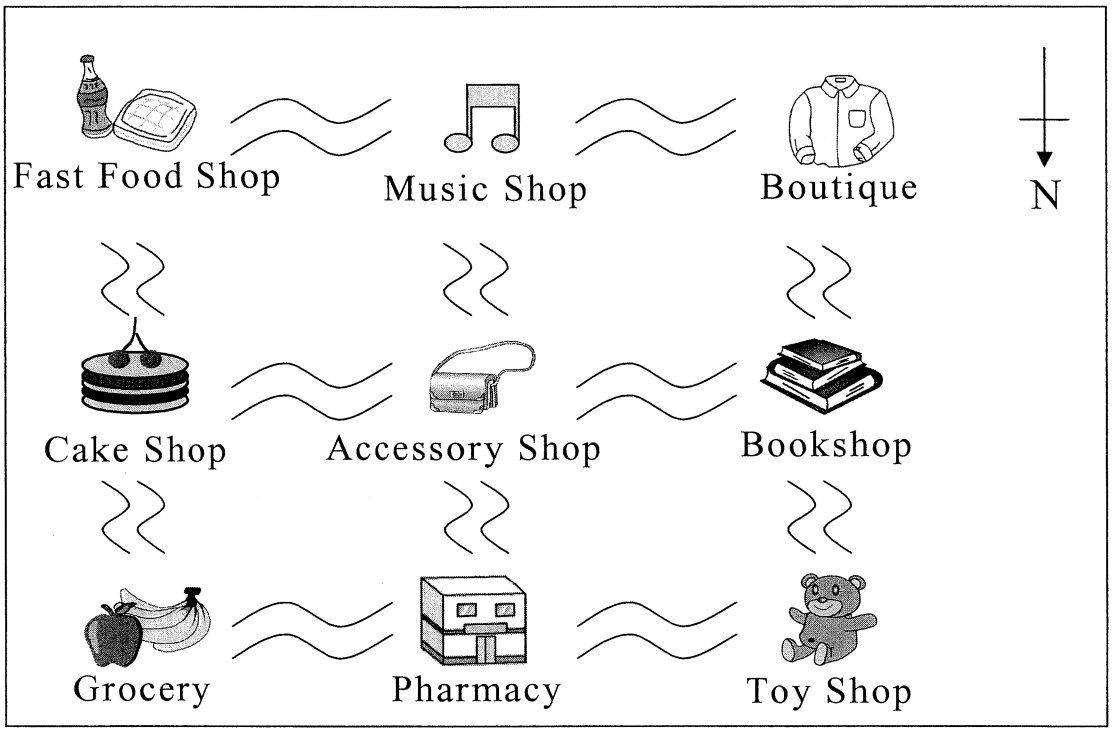
34. The map below shows the location of shops in a town centre.



(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) (direction)

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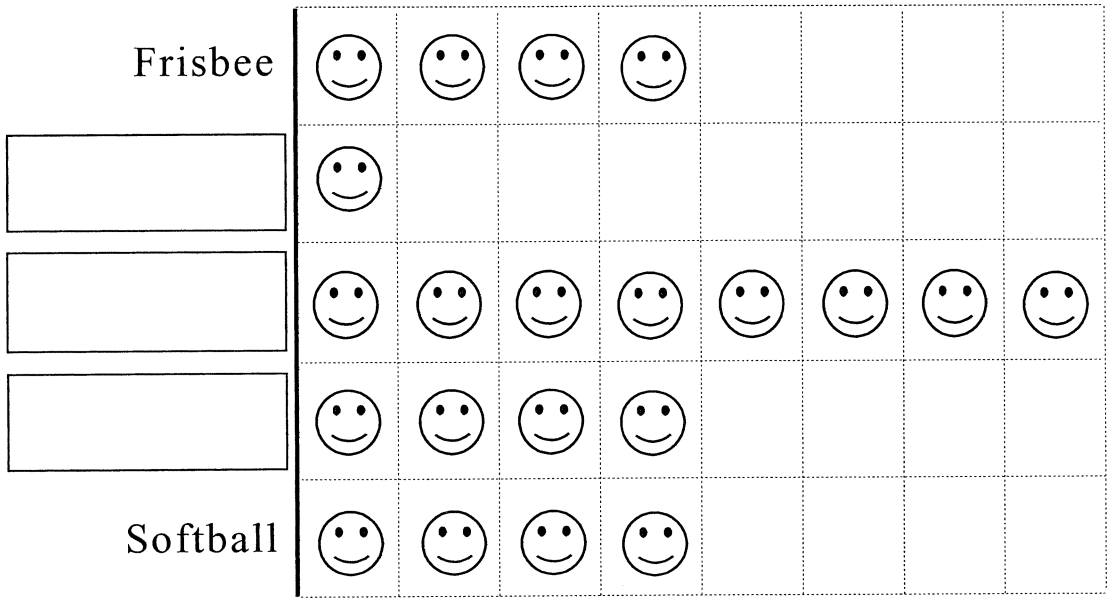
35. Mr. Lam has done a survey of P.3B pupils on the games they wish to play on Sports Day.

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



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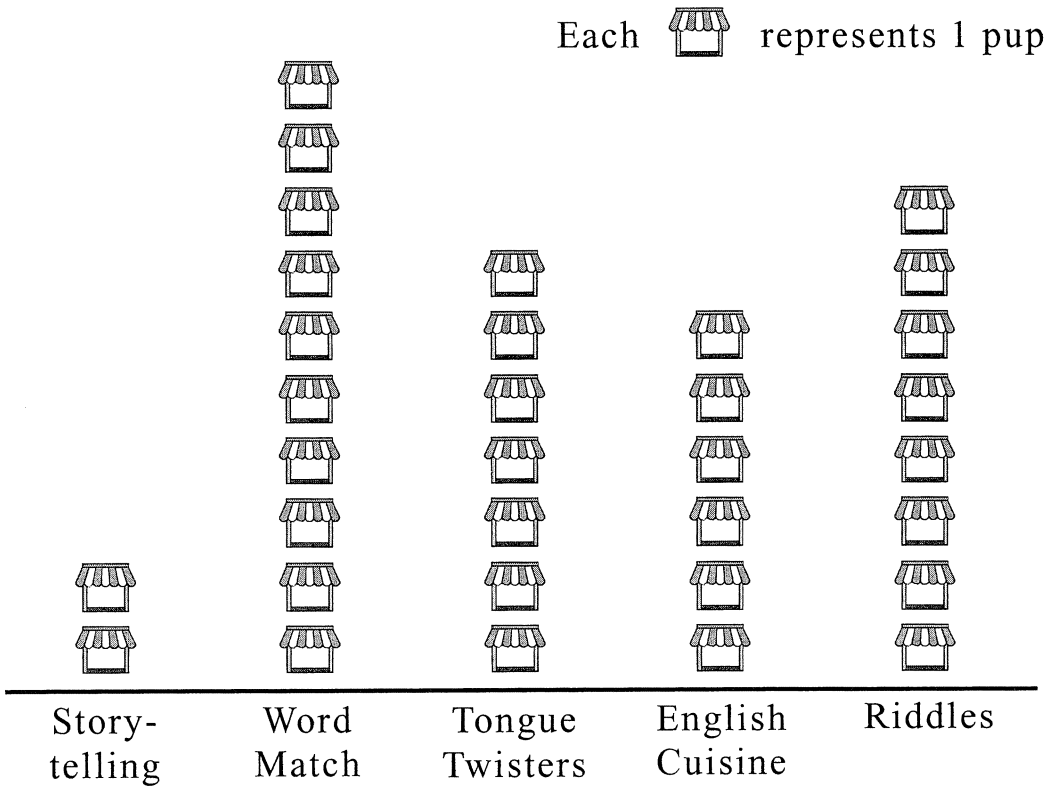
36. Mr. Lee has done a survey on the P.3D pupils' favourite game booths of the English Week. The results are as follows:

Favourite Game Booths of P.3D Pupils



(a) The number of pupils who favour Tongue Twisters is _____ more than those who favour Storytelling.

(b) There are 4 girls who favour Word Match. The number of boys who favour Word Match is _____.

(c) The number of P.3A pupils who favour Riddles is $\frac{1}{2}$ of that in P.3D. There are _____ P.3A pupils who favour Riddles.

— END OF PAPER —

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