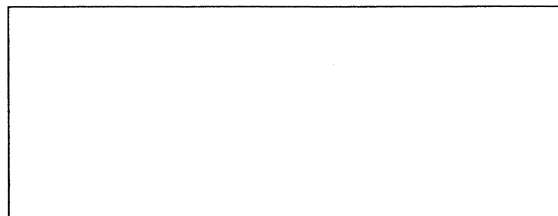


\* 3 M E 2 \*

3	M	E	2
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# 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

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Class  
班別

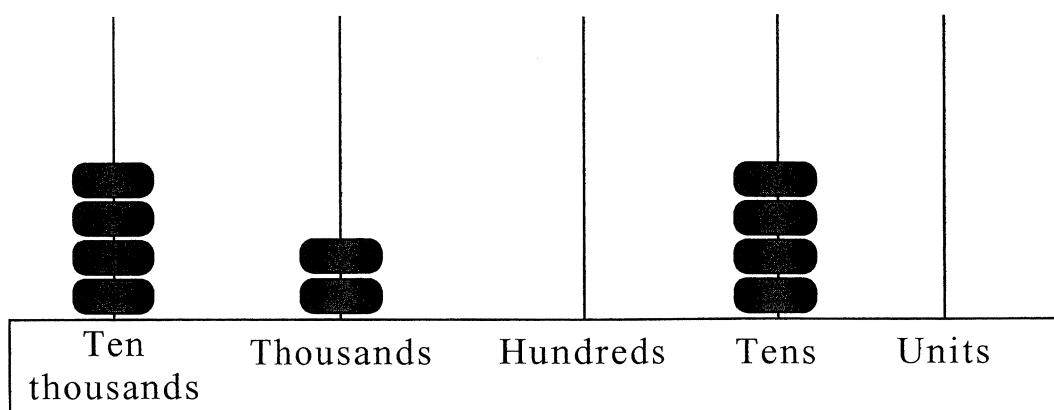
3	
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Class  
No.  
班號

--	--

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

1.



(a) Write in words the number shown on the above abacus.

Answer: \_\_\_\_\_

(b) In the number shown on the above abacus, the digit in the ten thousands place is \_\_\_\_\_, and the value of the digit in the thousands place is \_\_\_\_\_.

2. The price of three summer study tours is shown below.

Country	Price
U.S.A.	\$22 880
U.K.	\$23 080
Australia	\$22 800

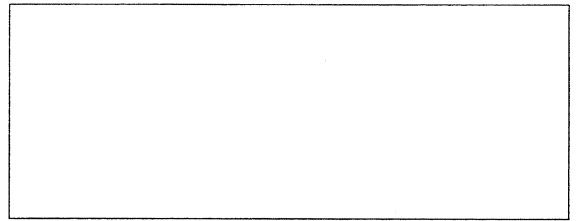
(a) Arrange the price of the study tours from the lowest to the highest.

Answer: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
(Lowest) (Highest)

(b) Henry wants to join a study tour, but he has \$23 000 only. Which countries can he choose?

Answer: He can choose \_\_\_\_\_.

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Please do not write in the margin.

3.  $624 + 298 = \underline{\hspace{2cm}} + 624$

4.  $725 - 225 - \underline{\hspace{2cm}} = 450$

5.  $294 \times 6 = \underline{\hspace{2cm}}$

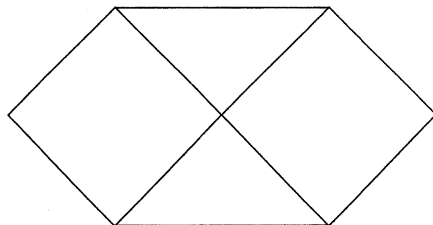
6. Use short division to calculate  $567 \div 7$ .

$$\begin{array}{r} 7 \overline{)567} \end{array}$$

7.  $935 \div 3 = \underline{\hspace{2cm}}$

8.  $519 - 326 + 474 = \underline{\hspace{2cm}}$

9. Shade two-thirds of the following diagram with a pencil.



Please do not write in the margin.

10. Which of the following is correct?

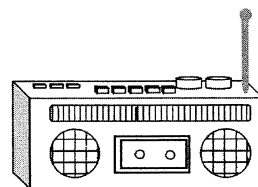
☐ A.  $\frac{3}{7} > \frac{3}{5}$

☐ B.  $\frac{4}{9} > \frac{7}{9}$

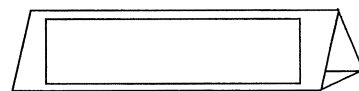
☐ C.  $\frac{1}{2} < \frac{1}{4}$

☐ D.  $\frac{3}{8} < \frac{5}{8}$

11. The price of the radio is four hundred and eighty-six dollars.



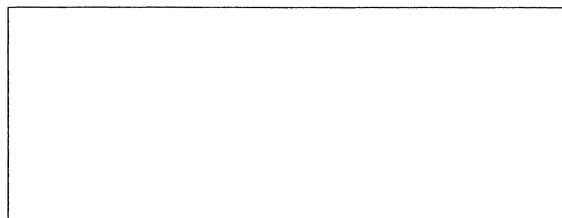
(a) Write the price in numerals on the price tag.



(b) Everything in the store is now **half price**. If Joe wants to buy the radio, how much should he pay? Circle the amount.



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12. A pen costs 46 dollars and 50 cents. Mandy buys the pen and pays



How much change should she get?

Answer: She should get \_\_\_\_\_ dollars and \_\_\_\_\_ cents.

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

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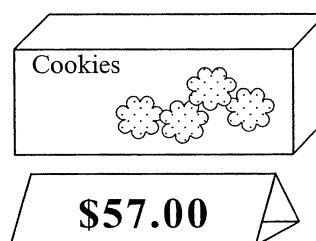
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Please do not write in the margin.

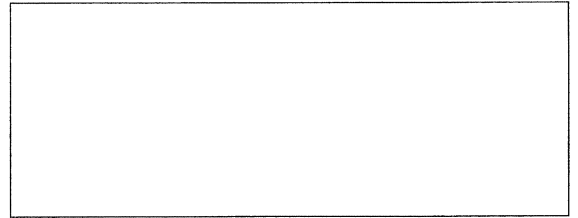
14. Each magazine costs 7 dollars. A bookstall sells a total of 126 magazines in a week. How much money does the bookstall make?  
(Show your working)

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



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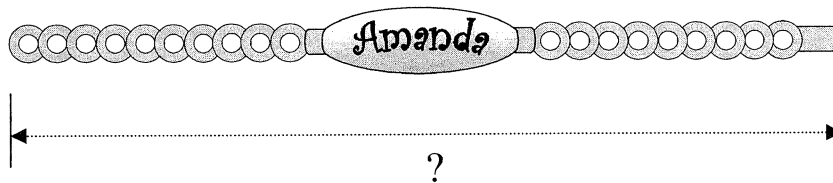
Please do not write in the margin.

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.

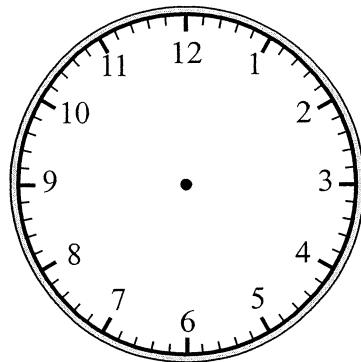
18. What is the length of Amanda's bracelet below?



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

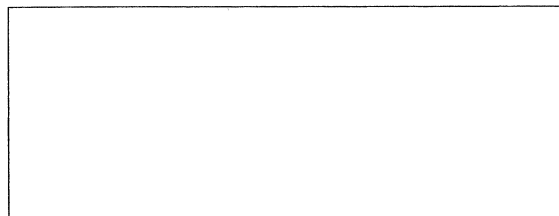
Please do not write in the margin.

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 \_\_\_\_\_.
20. 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.





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21.

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 \_\_\_\_\_ , 1<sup>st</sup> 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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Please do not write in the margin.

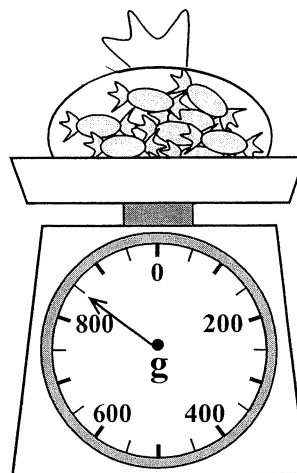
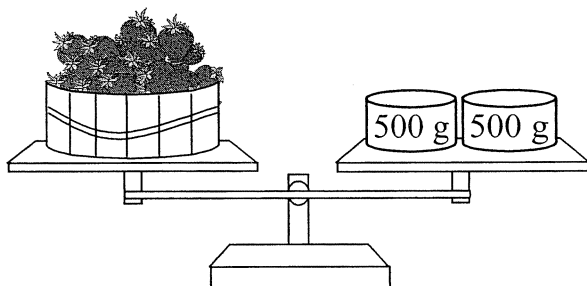




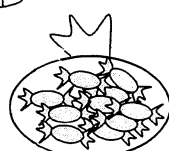
22. The table on the right shows the ferry schedule from Central to Mui Wo.

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

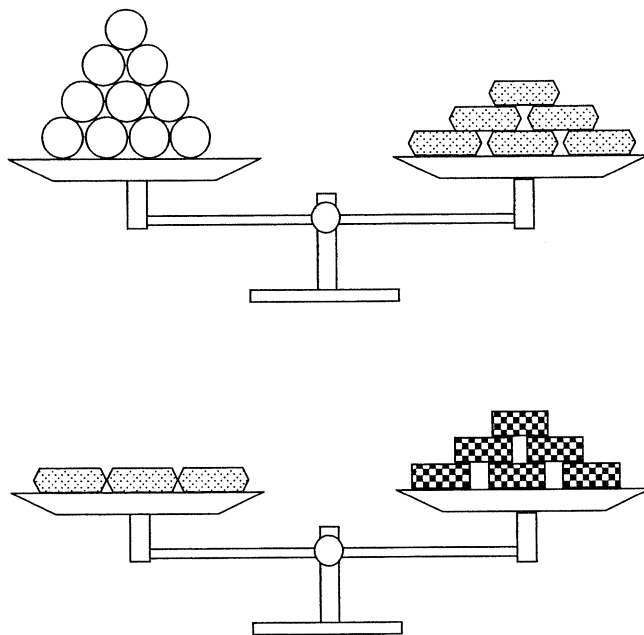
- (a) It takes 35 minutes to go from Central to Mui Wo by ferry. The ferry departs at 09 : 30 and arrives in Mui Wo at \_\_\_\_\_ : \_\_\_\_\_.
- (b) William arrives at the Central pier at 12 : 55. The earliest ferry he can take will leave at \_\_\_\_\_ minutes past \_\_\_\_\_ in the \* morning / afternoon (\* circle the answer).

23.



- (a)  weighs \_\_\_\_\_ g.
- (b)  is \*lighter / heavier (\*circle the answer) than  by \_\_\_\_\_ g.

24.



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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Please do not write in the margin.

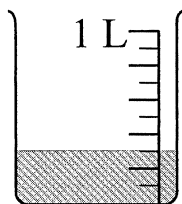
The diagram illustrates a cross-section of a composite material. It consists of two main layers: a top layer labeled 'A' and a bottom layer labeled 'B'. Layer 'A' is represented by a white rectangle with a scalloped top edge and a series of vertical lines along its top boundary. Layer 'B' is represented by a shaded, irregular shape with a jagged bottom edge. The two layers are joined at a horizontal interface, which is marked by a vertical line passing through the center of the diagram, indicating a weld line or joint.

### Diagram 2

Diagram 2: Container A is filled completely with water and all the water is poured into Container C.


Answer: \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_  
(Smallest) (Largest)

mother has made a cake,



milk is left. She uses

\_\_\_\_\_ of milk to make the cake. (Give your answer with a unit.)

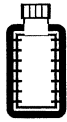
27.  is the most suitable tool to measure the capacity of which of the following containers?



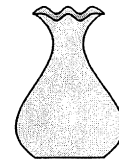
☐ A.



☐ B.

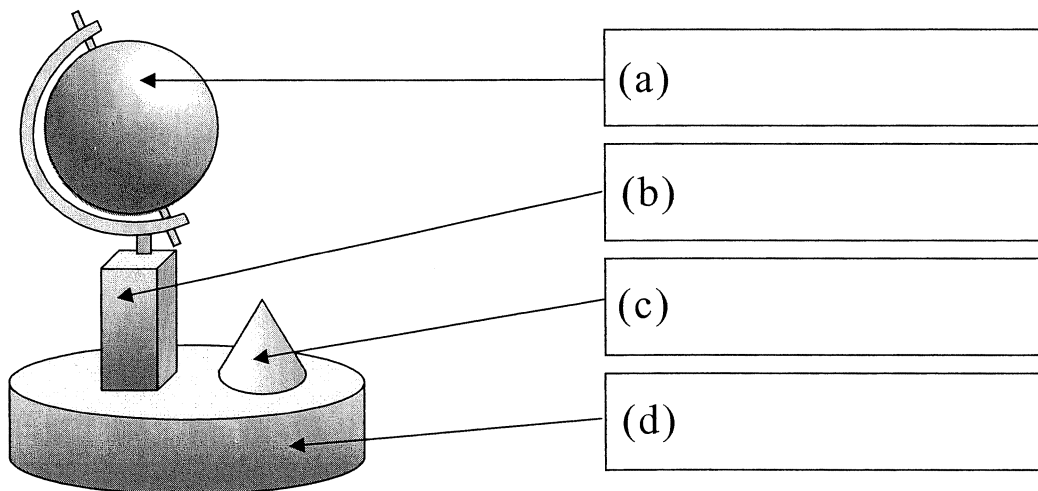


☐ C.



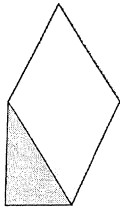
☐ D.

28. The model shown below is made up of 3-D shapes. Fill in the boxes with their names.

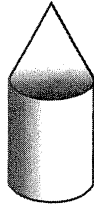


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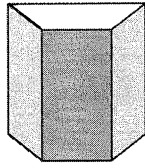
29. Write the letter(s) for the answers according to the instructions.



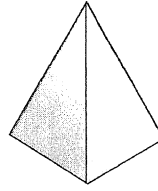
**A**



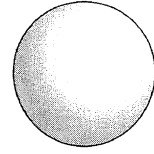
**B**



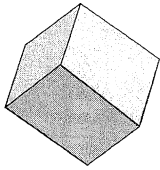
**C**



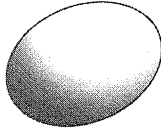
**D**



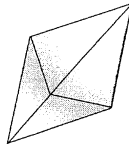
**E**



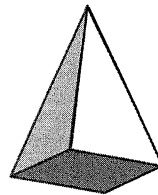
**F**



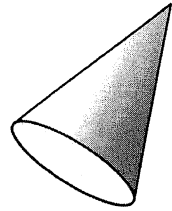
**G**



**H**



**I**



**J**

List:

(a) Sphere(s): \_\_\_\_\_

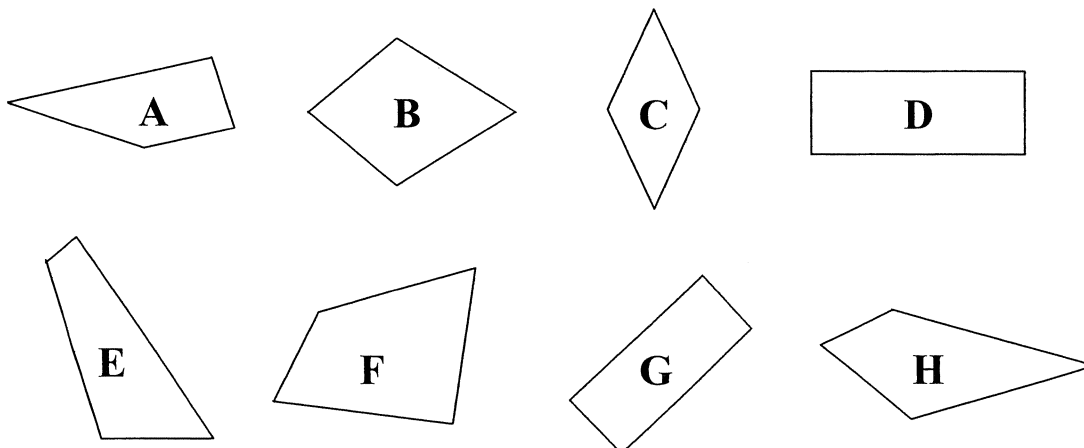
(b) Prism(s): \_\_\_\_\_

(c) Pyramid(s): \_\_\_\_\_

(d) Cone(s): \_\_\_\_\_

Please do not write in the margin.

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

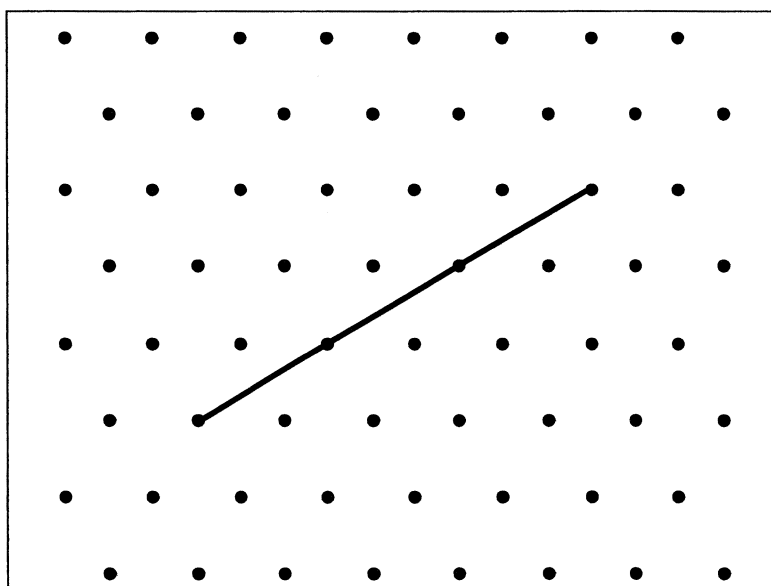


List:

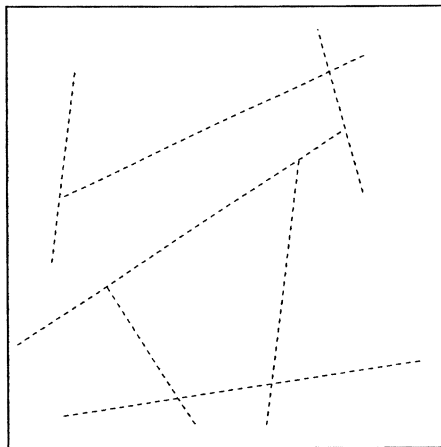
(a) Rectangle(s): \_\_\_\_\_

(b) Rhombus(es): \_\_\_\_\_

31. Miss Wong used an elastic band to make a right-angled triangle on the pin-board. One of its sides is shown below. Draw the other two sides of the right-angled triangle.

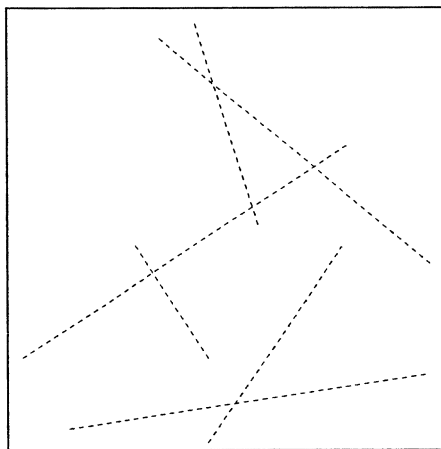


32. (a) In **Diagram 1**, draw on top of the pair of dotted lines which are parallel to each other.



**Diagram 1**

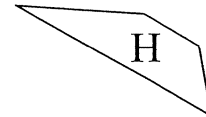
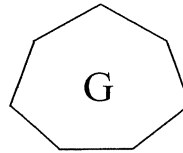
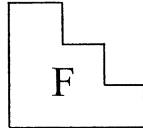
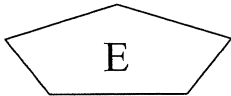
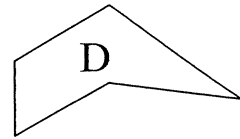
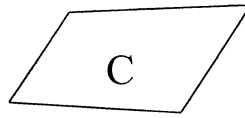
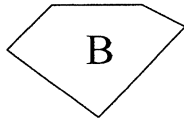
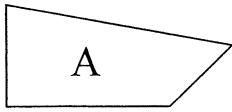
- (b) In **Diagram 2**, draw on top of the pair of dotted lines which are perpendicular to each other.



**Diagram 2**



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

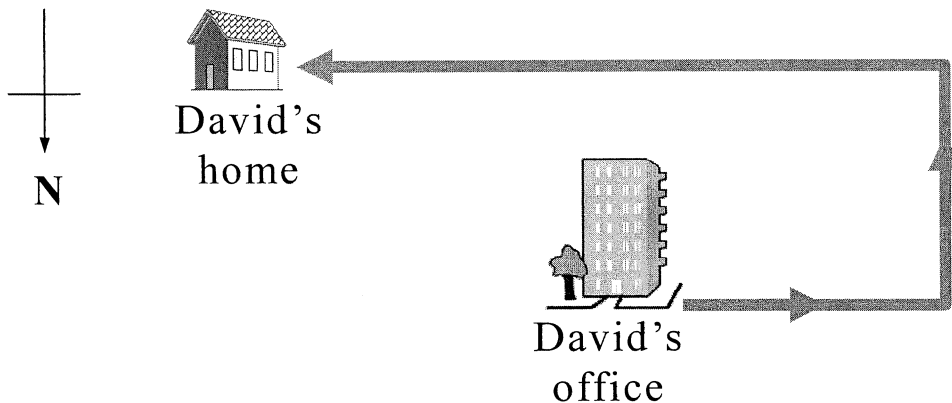


List:

(a) Trapezium(s): \_\_\_\_\_

(b) Pentagon(s): \_\_\_\_\_

34. David is driving home from his office. According to the driving route shown below, write the directions.

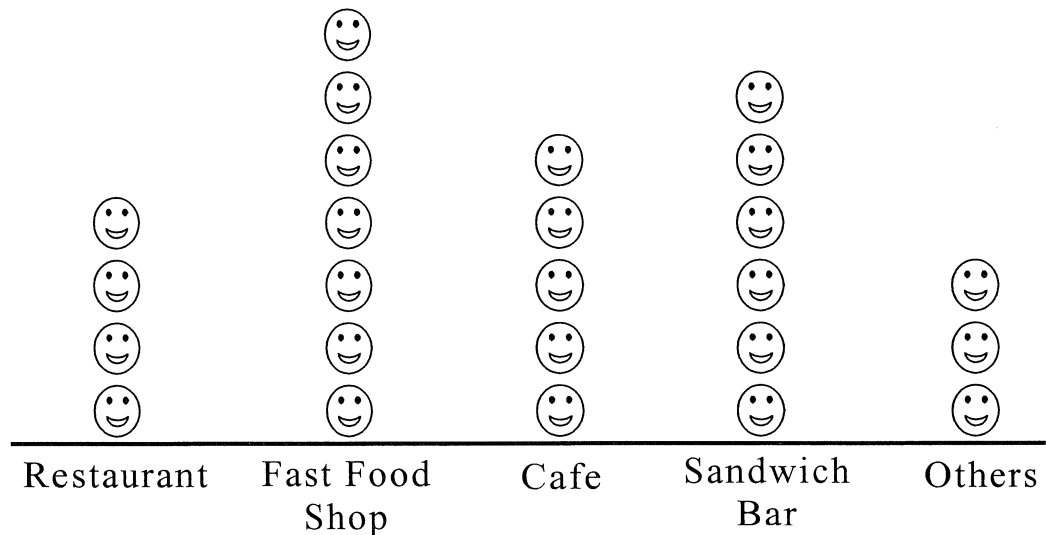


David first goes \_\_\_\_\_, then \_\_\_\_\_. Finally, he goes \_\_\_\_\_ to reach his home.

35. A school has done a survey on the places where the teachers have lunch. The results are as follows:

### Places Where Teachers Have Lunch

Each ☺ represents 1 person



- (a) The most popular place is \_\_\_\_\_. The number of teachers going there is \_\_\_\_\_.
- (b) The total number of teachers choosing Cafe and Sandwich Bar is \_\_\_\_\_.
- (c) Some of the other teachers bring their own lunchbox. Which group do they belong to?

Answer : They belong to \_\_\_\_\_.

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Please do not write in the margin.

Please do not write in the margin.

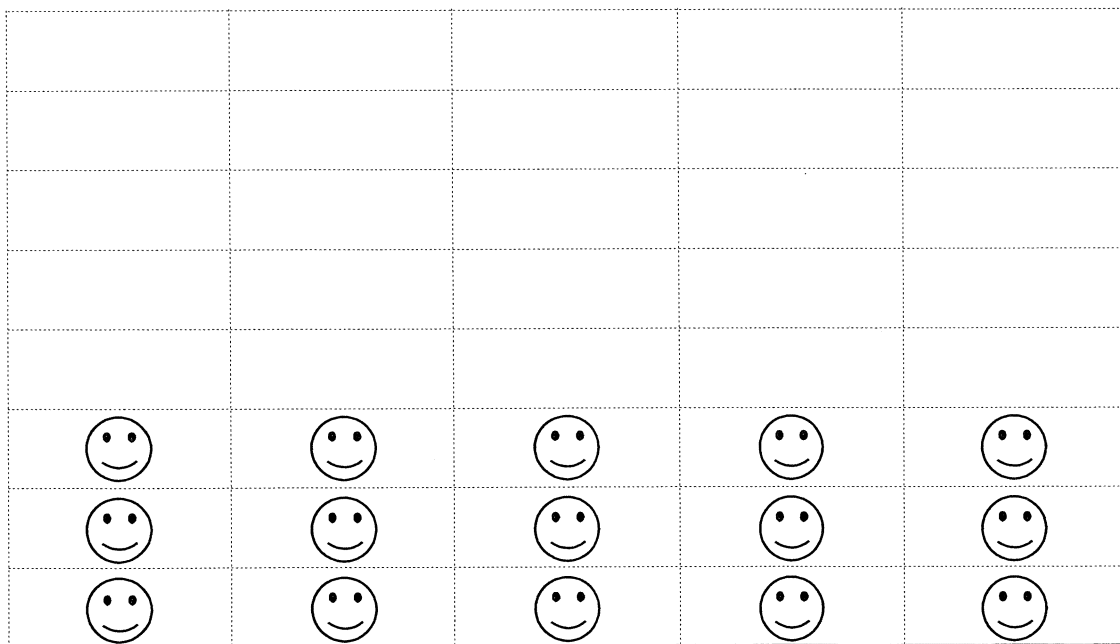
36. A manager of an estate did a survey on the number of people using the gymnasium in the morning for the last five days.

Days of the week	Monday	Tuesday	Wednesday	Thursday	Friday
No. of people	3	8	4	6	5

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

(Title)

Each ☺ represents 1 person



Monday

Tuesday

Wednesday

Thursday

Friday

— END OF PAPER —

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