

**Education and Manpower Bureau**  
**Territory-wide System Assessment 2004**  
**Primary 3**  
**Mathematics**

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**Instructions :**

1. There are 35 questions in this test.
2. Answer all questions.
3. The time allowed is 45 minutes.
4. Write your answers in this question booklet.

(a) Multiple choice questions :

Mark your answers by putting a “✓” in the “○”, e.g. :

$$2 + 3 =$$

○ A. 4    ☒ B. 5    ○ C. 6    ○ D. 7

(b) Questions in which you are asked to show your working :

Write your working steps, answers and statements/ conclusions in the space provided. There is **NO** need to show your rough work.

(c) Other types of questions :

Answer as required in the space provided.

5. Do your rough work on the rough work sheet provided.
6. Write your School Code, Class and Class Number in the spaces below.

**School Code**

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

(4)

**Class**

|  |  |
|--|--|
|  |  |
|--|--|

**Class No.**

|  |  |
|--|--|
|  |  |
|--|--|

(10)

1.  $321 \times 3 =$  \_\_\_\_\_

1 mark (11)

2.  $237 + 182 + 650 =$  \_\_\_\_\_

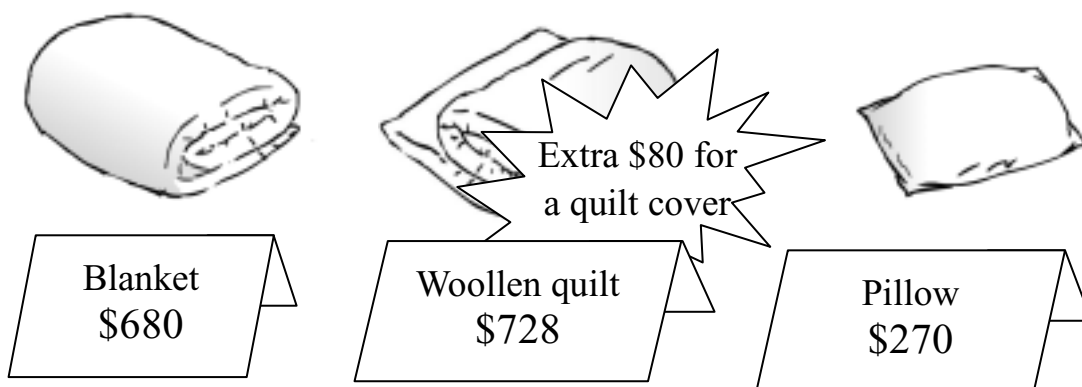
1 mark (12)

3.  $860 - 553 - 242 =$  \_\_\_\_\_

1 mark (13)

4.

**Bedding Fair**



(a) A woollen quilt and a quilt cover cost \$\_\_\_\_\_ .

1 mark (14)

(b) Two pillows and one blanket cost \$\_\_\_\_\_ .

1 mark (15)

5.



Daddy bought a mobile phone for \$990. Six months later, the same model is sold at \$568 only. By how much is this cheaper than before?

( Show your working. )

1 mark (16)

1 mark (17)

1 mark (18)

6. Use short division to calculate  $848 \div 4$ .

$$\begin{array}{r} 4 \overline{) 848} \end{array}$$

1 mark (19)

7.

## *One-day Tour to Tai O*

Date : 11 May

Time : 9 a.m.

Place : Tsim Sha Tsui Pier

***Tour Fee    \$130 per head***  
***(same price for adults and children)***

My father, grandmother, mother and I joined the Tour to Tai O. What was the tour fee for the four of us?

(Show your working)

1 mark (20)

1 mark (21)

1 mark (22)

1 mark (23)

8.  $112 \times 8 - 109 = \underline{\hspace{2cm}}$

9.

|   |   |   |   |   |
|---|---|---|---|---|
| 5 | 2 | 6 | 1 | 0 |
|---|---|---|---|---|

The largest 5-digit odd number that can be formed from these 5 number cards is :

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|--|--|--|--|--|

1 mark (24)

10.  $842 \div 4 =$  \_\_\_\_\_

1 mark (25)

11.  $816 \div 8 =$  \_\_\_\_\_

1 mark (26)

12.  $607 - (482 - 261) =$  \_\_\_\_\_

1 mark (27)

13.  $25 \times 7 + 93 =$  \_\_\_\_\_

1 mark (28)

14.



- (a) My sister would like to buy 6 story CDs but she only had \$150. How much did she still need?  
(Show your working.)

2 marks (29)

1 mark (30)

1 mark (31)

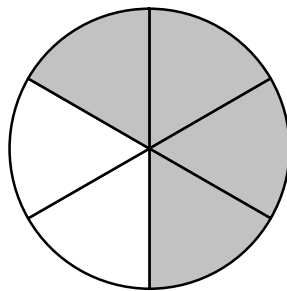
- (b) My sister decided to buy only 3 story CDs.  
She paid \$150. What should be the change?  
(Show your working.)

2 marks (32)

1 mark (33)

1 mark (34)

15. What fraction of the whole figure is shaded?



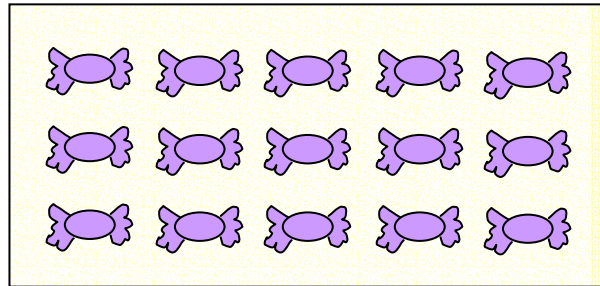
Answer :

of the whole figure is shaded.

1 mark (35)

16. There were 15 chocolates in a box. Mimi took  $\frac{1}{3}$ .

Fanny took  $\frac{1}{5}$ . Who took more? How many chocolates did she take?



Answer: \_\_\_\_\_ took more.

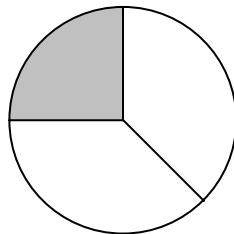
She took \_\_\_\_\_ chocolates.



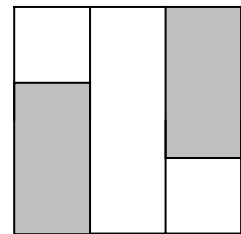
1 mark (36)

17. Which of the following figures is  $\frac{1}{3}$  shaded?

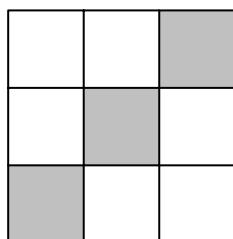
☐ A.



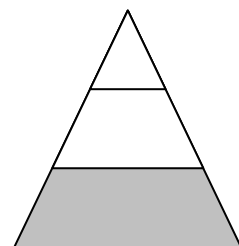
☐ B.



☐ C.



☐ D.



(37)

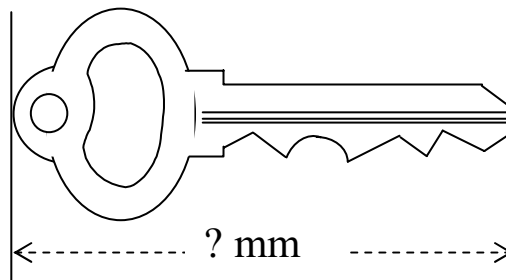
18. For which of the following measurements is 'millimetre' the most suitable unit?

- ☐ A. Measuring the length of a swimming pool
- ☐ B. Measuring the height of a door
- ☐ C. Measuring the thickness of a mathematics textbook
- ☐ D. Measuring the width of a blackboard

(38)

19. Peter estimated the length of the key to be 70 mm.

Measure the length of the key with your ruler. By how much is this different from Peter's estimation?



Answer: The correct length of the key is \_\_\_\_\_ mm,

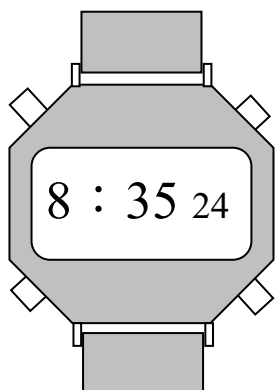
which is different from Peter's estimation by

\_\_\_\_\_ mm.

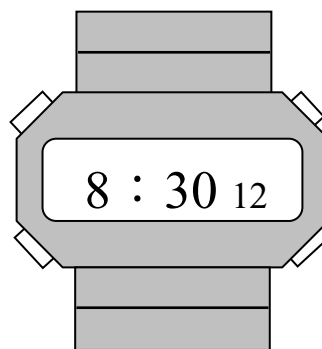
1 mark (39)

1 mark (40)

20.



**Sara's watch**

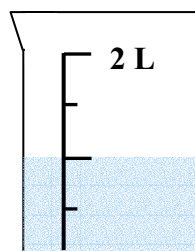
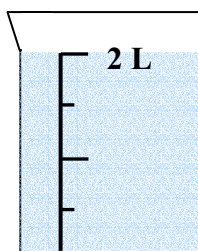
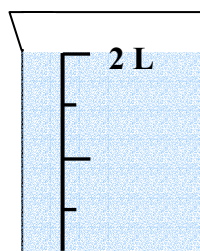
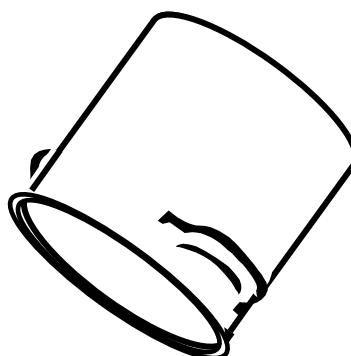


**May's watch**

The difference between the times shown on Sara's and May's watches is \_\_\_\_\_ minutes \_\_\_\_\_ seconds.

1 mark (41)

21.



Mother wanted to measure the capacity of a pot. She filled up the pot with water and then poured the water into the measuring cylinder. The capacity of the pot was \_\_\_\_\_ L.

1 mark (42)

22. Below is a page of the calendar of a certain year.

| Month _____ |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|
| 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  |     |     |     |     |

(a) Fill in the month on the calendar.

1 mark (43)

(b) The total number of days in the year is \_\_\_\_\_ .

1 mark (44)

(c) The school picnic will be held on the third Tuesday of this month. Circle that day on the calendar.

1 mark (45)

23. The Chinese New Year is coming. Daddy exchanges



for new banknotes at the bank for the red packets.



can be exchanged  
for \_\_\_\_\_




1 mark (46)



can be exchanged  
for \_\_\_\_\_




1 mark (47)

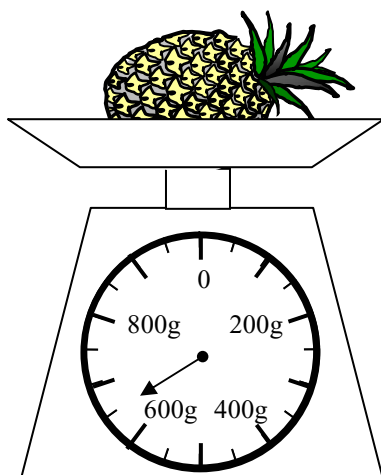


can be exchanged  
for \_\_\_\_\_




1 mark (48)

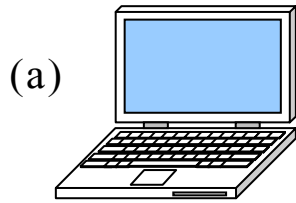
24. What is the weight of the pineapple?  
(Give your answer with unit.)



Answer : The weight of the pineapple is \_\_\_\_\_ .

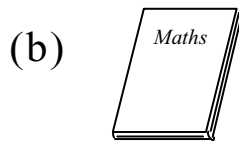
2 marks (49)

25. Fill in the blanks with suitable units of weight.



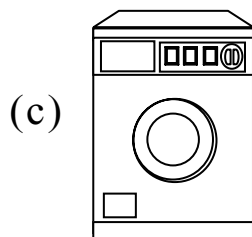
The weight of a notebook computer is about 2 \_\_\_\_\_ .

1 mark (50)



The weight of a mathematics textbook is about 200 \_\_\_\_\_ .

1 mark (51)



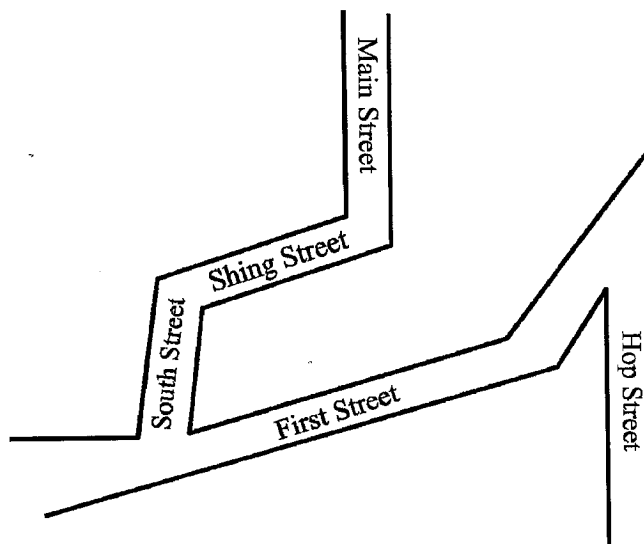
The weight of a washing machine is about 28 \_\_\_\_\_ .

1 mark (52)

26. In the box below, draw an angle that is smaller than a right angle.

1 mark (53)

27.



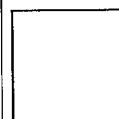
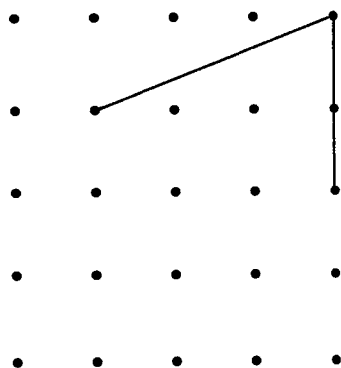
In the map above, which street is parallel to Main Street?

Answer : \_\_\_\_\_ Street is parallel to Main Street.



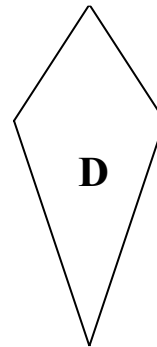
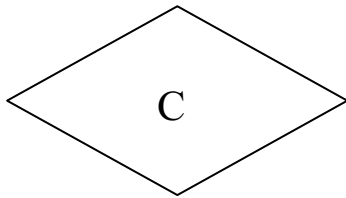
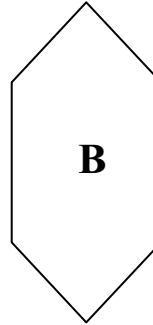
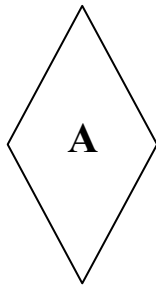
1 mark (54)

28. There are two lines on the pin board below. Add two more straight lines on the pin board to make a parallelogram.



1 mark (55)

29. Which of the following figures are rhombuses?

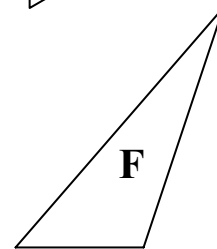
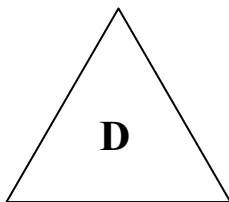
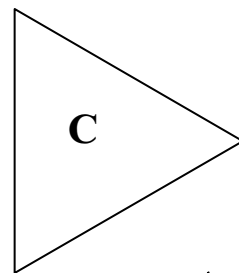
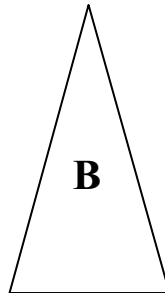
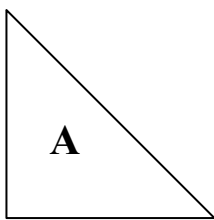


Answer : \_\_\_\_\_

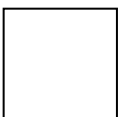


2 marks (56)

30. Which of the following figures are equilateral triangles?

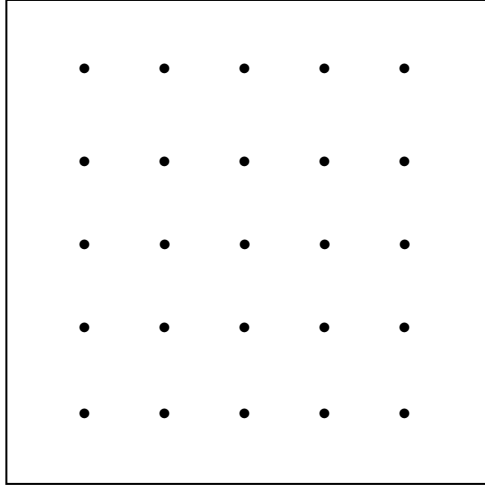


Answer : \_\_\_\_\_



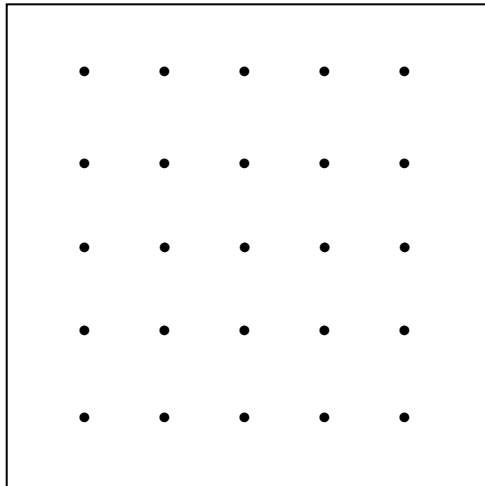
2 marks (57)

31. (a) Draw an isosceles triangle in the box below.



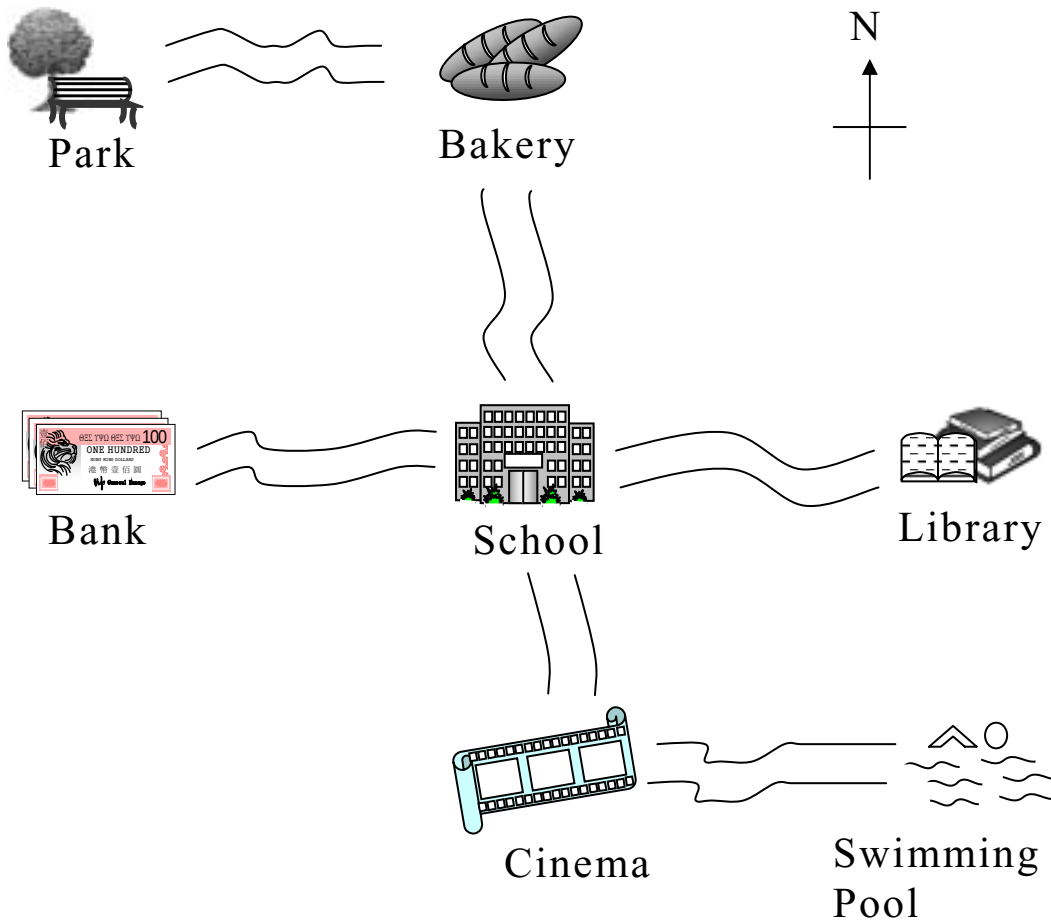
1 mark (58)

(b) Draw a right-angled triangle in the box below.



1 mark (59)

32. The diagram below shows the school's surroundings.



Fill in the blanks with the directions 'north', 'south', 'east' or 'west'.

(a) The cinema is on the \_\_\_\_\_ of the school.

1 mark (60)

(b) Owen wants to go from the school to the park. He should first go \_\_\_\_\_ and then go \_\_\_\_\_.

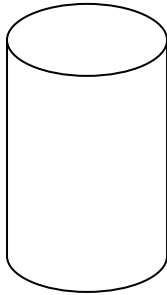
1 mark (61)

(c) The library is on the \_\_\_\_\_ of the bank.

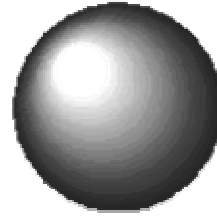
1 mark (62)

33. Fill in the blanks with the names of the following 3-D shapes.

(a)



(b)



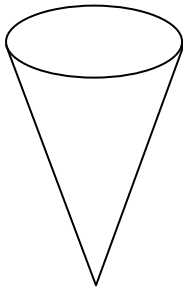

1 mark (63)

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

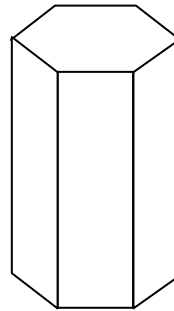
Answer : \_\_\_\_\_

1 mark (64)

(c)



(d)




1 mark (65)

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

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

1 mark (66)

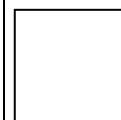
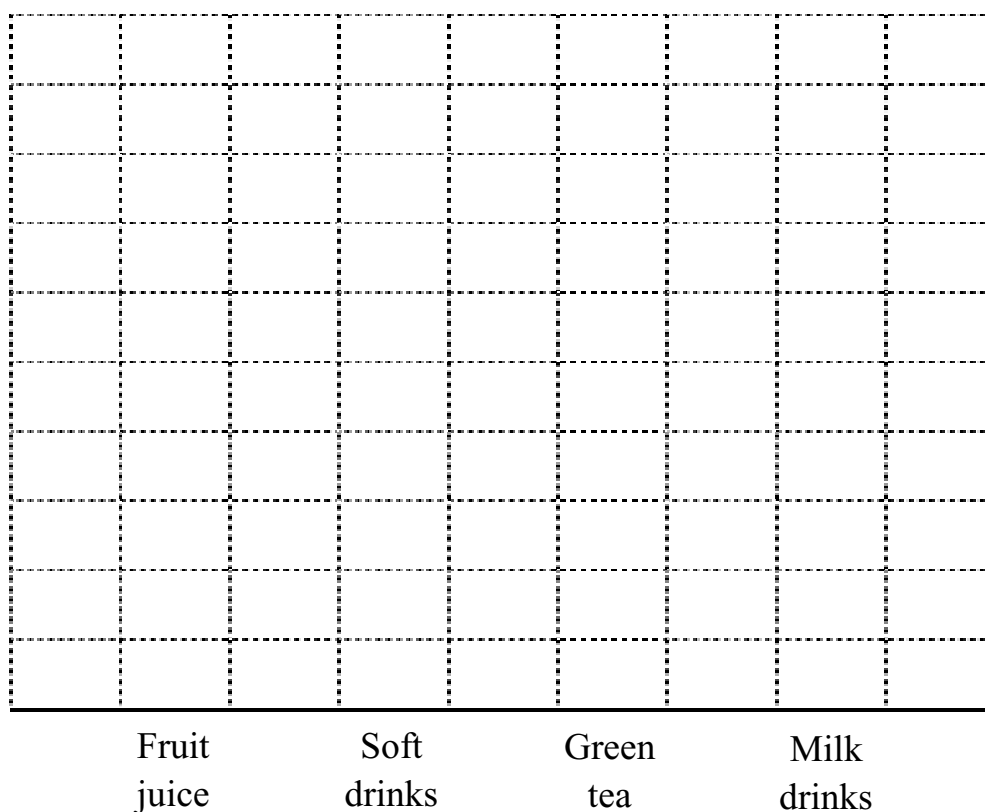
34. In a survey, Mary asked 20 classmates about their most favourite drinks.

| Drinks            | Fruit juice | Soft drinks | Green tea | Milk drinks |
|-------------------|-------------|-------------|-----------|-------------|
| Number of persons | 5           | 3           | 4         | 8           |

According to her record, draw a block graph by shading the squared paper.

### The Most Favourite Drinks of My Classmates

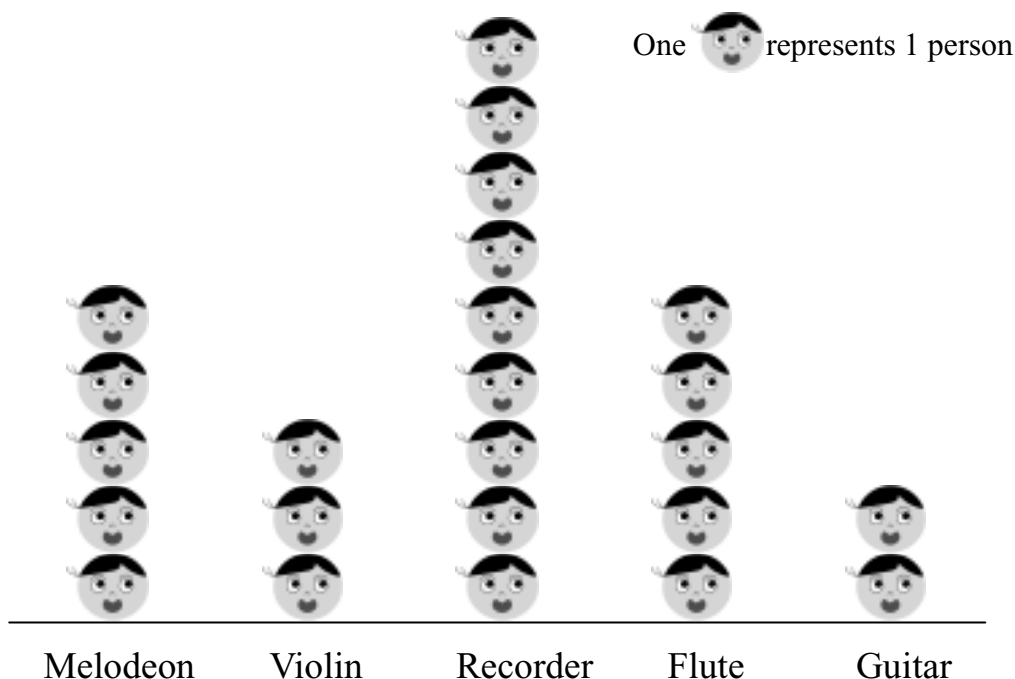
One block stands for 1 person



1 mark (67)

35. The teacher counted the number of 3A students attending different musical instrument classes. She used the data to construct a pictogram.

### Musical Instrument Classes Attended by 3A Students



- (a) \_\_\_\_\_ students attend the guitar class.
- (b) The numbers of students attending the \_\_\_\_\_ class and the \_\_\_\_\_ class are the same.
- (c) There are \_\_\_\_\_ more students attending the recorder class than the violin class.
- (d) There are 35 students in 3A. If no students may attend more than one musical instrument class, there are \_\_\_\_\_ students who **DO NOT** attend any instrument classes.

1 mark (68)

1 mark (69)

1 mark (70)

1 mark (71)

**END OF PAPER**