

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

Instructions :

1. There are 36 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. In 62 045, what does '2' stand for ?

☐ A. 2000

☐ B. 200

☐ C. 20

☐ D. 2

(11)

2.

MATHS BANK	8 MAY 2004
PAY : Culture Bookshop	
HK DOLLARS : <u>Thirty-four thousand</u>	\$ 36287
<u>two hundred and eighty-seven only</u>	<u>Lee Hok Man</u>

Daddy wrote a cheque. He made a mistake when writing the amount in numbers.

The mistake was a wrong digit in the _____ place.



1 mark (12)

3. $482 + 207 =$ _____

1 mark (13)

4. $285 - 182 =$ _____

1 mark (14)

5. $809 \times 7 =$ _____

1 mark (15)

6. $154 \times 2 =$ _____ $\times 154$

1 mark (16)

7. $435 \div 5 =$ _____

1 mark (17)

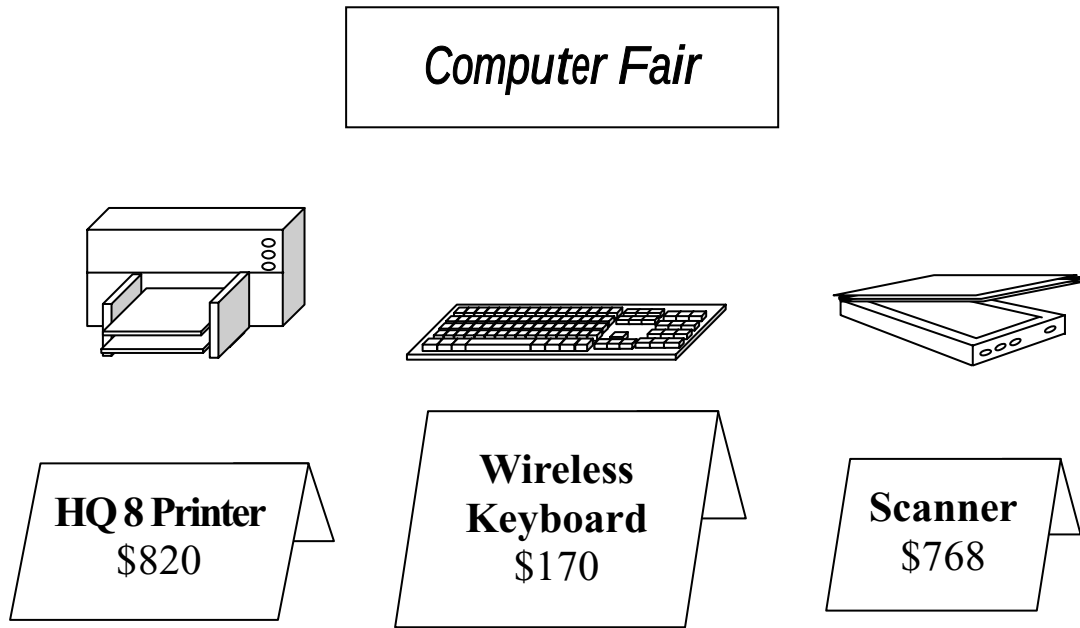
8. $400 \div 6 =$ _____

1 mark (18)

9. My sister works as a part-time clerk. Her hourly wage is \$30. She works 4 hours a day and 3 days a week. Her weekly income is \$ _____ .

1 mark (19)

10.



Peter and his cousin went to the Computer Fair.

- (a) The price of an HQ8 printer in the Computer Fair was \$70 cheaper than that in Shop A. The printer was sold at \$ _____ in Shop A.

1 mark (20)

- (b) They bought, from the Computer Fair, an HQ8 printer, a wireless keyboard and a scanner.

They should pay \$ _____ .

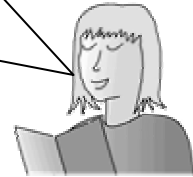
1 mark (21)

11.



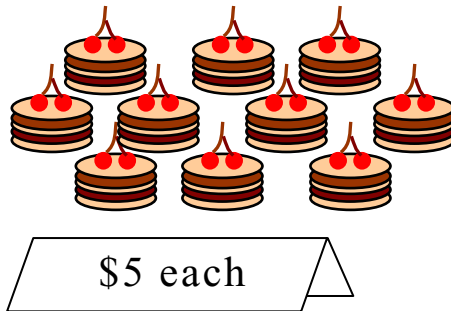
I only collect Canadian stamps. I have 150 stamps altogether.

I collect both Canadian and Chinese stamps. I have altogether 475 stamps, of which 205 are Chinese stamps and the rest are Canadian stamps. I have _____ Canadian stamps more than you.



1 mark (22)

12.



A cake costs \$5. Mr. Chan has \$153. How many cakes can he buy at most? (Show your working.)

2 marks (23)

1 mark (24)

1 mark (25)

13. $689 - (146 + 313) =$ _____

1 mark (26)

14. $500 - 245 + 580 =$ _____

1 mark (27)

15. $240 - 100 \times 2 =$ _____

1 mark (28)

16. Which one of the following fractions is equal to 1?

$$\frac{1}{2}, \frac{7}{8}, \frac{9}{9}, \frac{10}{11}$$

Answer :

1 mark (29)

17.

Baby Corner



Pushchair
\$650



Baby walker
\$550



Bed
\$825



Baby quilt
\$170

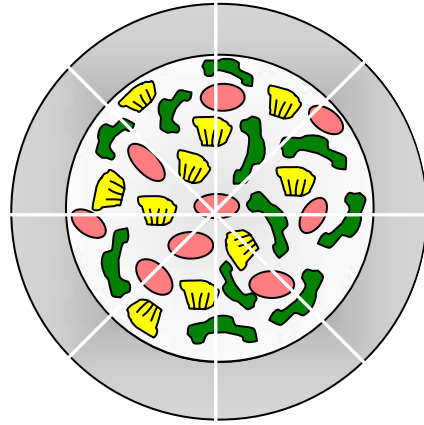
The baby will be born soon. Father and mother buy a pushchair and a baby quilt at the department store. They pay \$900. What should be the change?
(Show your working.)

2 marks (30)

1 mark (31)

1 mark (32)

18. Mother cut a pizza into 8 pieces of equal size. We ate 5 pieces. What fraction of the pizza was left?



Answer : of the pizza was left.

1 mark (33)

19. Fill in the blanks with suitable units of length.

(a) The length of a bus is about 10 _____ .

1 mark (34)

(b) The length of a key is about 5 _____ .

1 mark (35)

(c) The length of a twenty-dollar note is about

15 _____ .

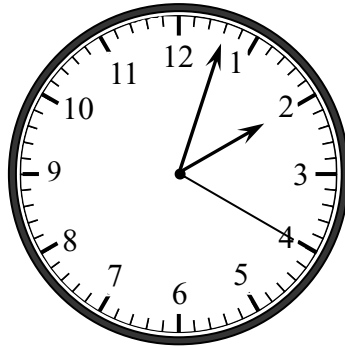
1 mark (36)

(d) The length of Tai Lam Nature Trail is about

10 _____ .

1 mark (37)

20.

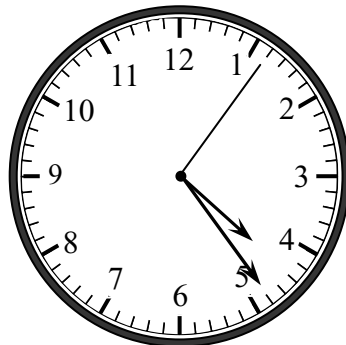


The time is :

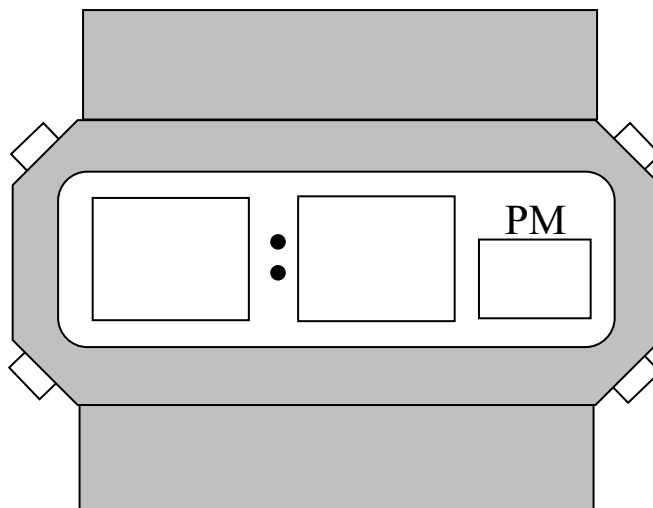
_____ minutes and _____ seconds past _____ .

1 mark (38)

21.



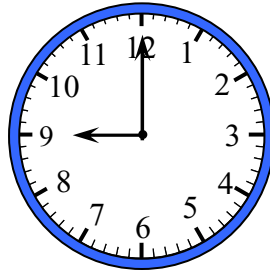
Write on the digital watch the time shown on the clock.



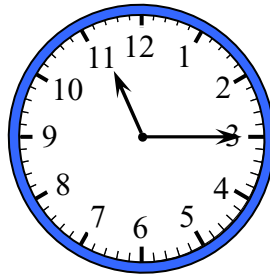
1 mark (39)

22. Last Sunday morning, our family took part in the Walk for Millions.

We started at



We finished at



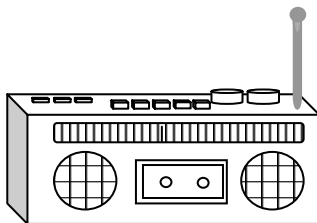
in the morning.

We walked _____ hours _____ minutes for the whole journey.



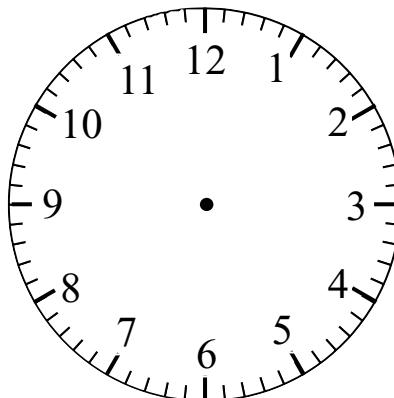
1 mark (40)

- 23.



Beep! The time now is five forty-five in the afternoon.

According to the time reported by the radio, draw the hour hand and the minute hand on the clock face.



1 mark (41)

24. Compare the capacities of the three vases.



cups of water
can fill up the vase **P**



cups of water
can fill up the vase **Q**



cups of water
can fill up the vase **R**



(a) Arrange the capacities of the vases in order, from the smallest to the largest. (Write down the letters for the vases.)

Answer : Vase _____ , Vase _____ , Vase _____

(The smallest)

(The largest)

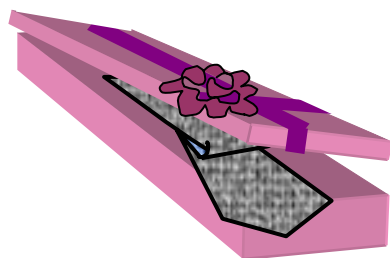
1 mark (42)

(b) The difference in capacity between the largest

vase and the smallest vase is _____ cups.

1 mark (43)

25. Charles wants to buy a tie for his Daddy for the coming Father's Day.



~~\$188.00~~
Sale Price \$150.40

- (a) Charles should pay _____ dollars and _____ cents.

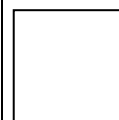
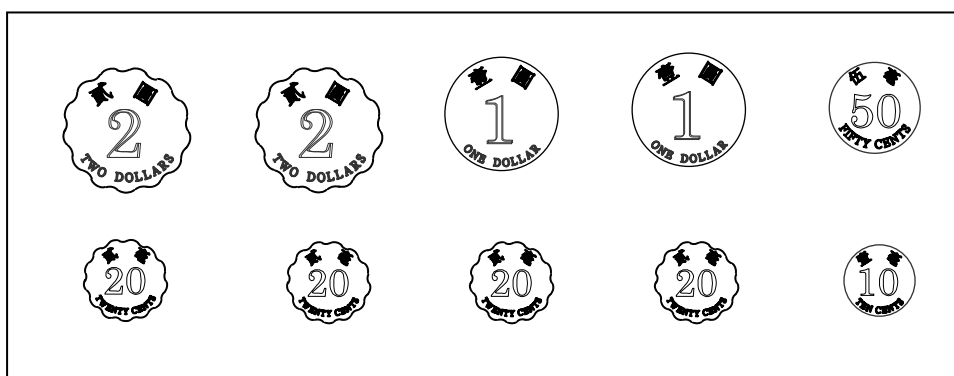


1 mark (44)

- (b) Charles gives the shopkeeper

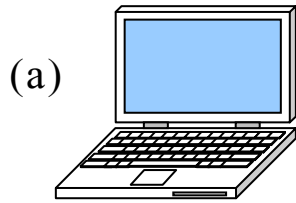


What should be the change? Circle the coins for the answer.



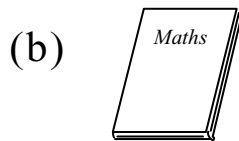
1 mark (45)

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



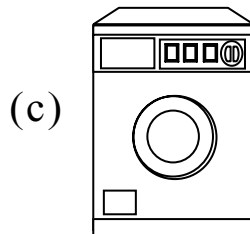
The weight of a notebook computer is about 2 _____ .

1 mark (46)



The weight of a mathematics textbook is about 200 _____ .

1 mark (47)



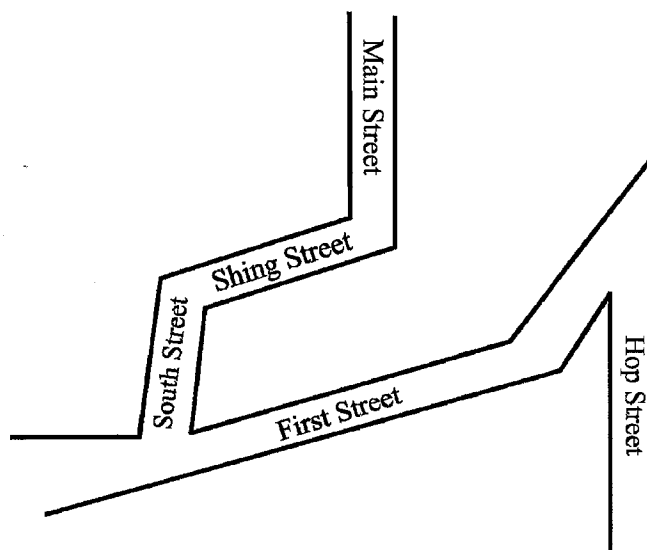
The weight of a washing machine is about 28 _____ .

1 mark (48)

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

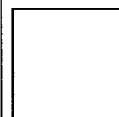
1 mark (49)

28.



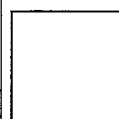
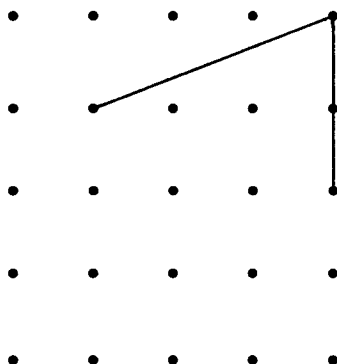
In the map above, which street is parallel to Main Street?

Answer : _____ Street is parallel to Main Street.



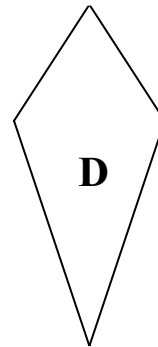
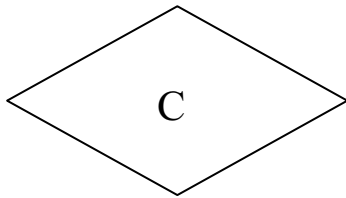
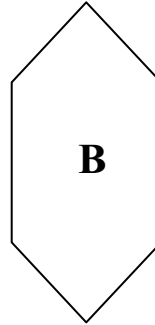
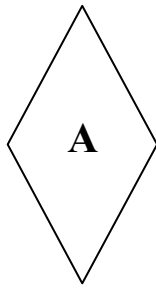
1 mark (50)

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



1 mark (51)

30. Which of the following figures are rhombuses?

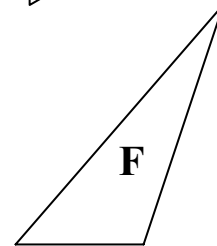
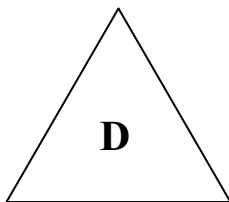
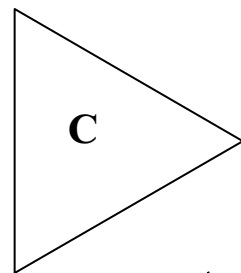
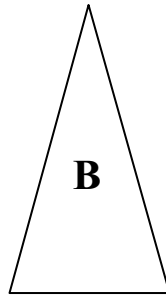
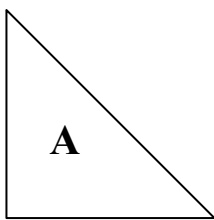


Answer : _____

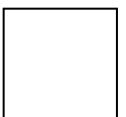


2 marks (52)

31. Which of the following figures are equilateral triangles?

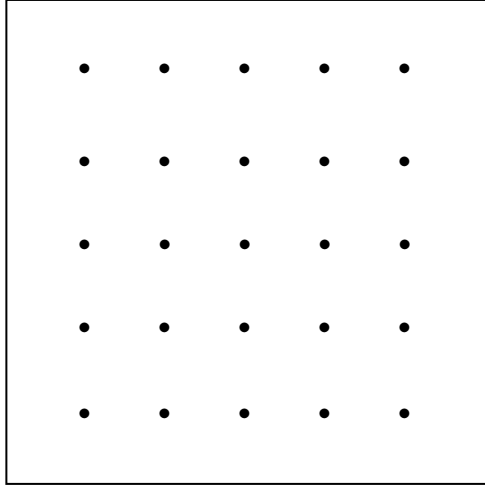


Answer : _____



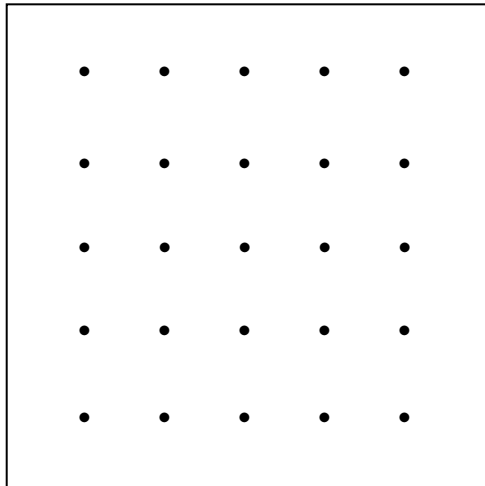
2 marks (53)

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



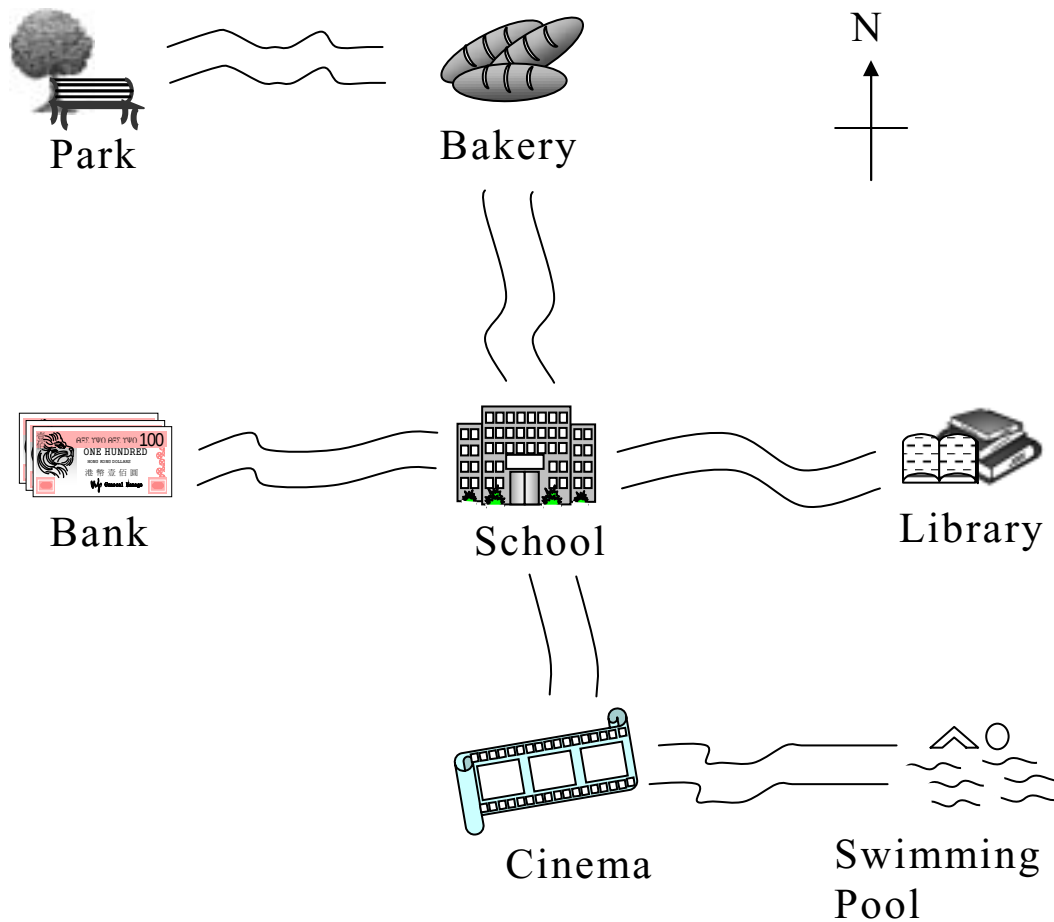
1 mark (54)

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



1 mark (55)

33. 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 (56)

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

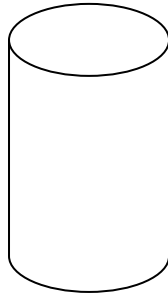
1 mark (57)

(c) The library is on the _____ of the bank.

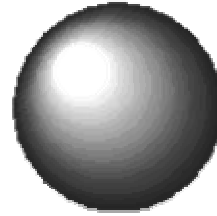
1 mark (58)

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

(a)



(b)



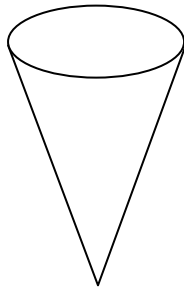
1 mark (59)

Answer : _____

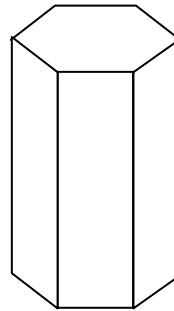
Answer : _____

1 mark (60)

(c)



(d)



1 mark (61)

Answer : _____

Answer : _____

1 mark (62)

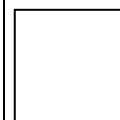
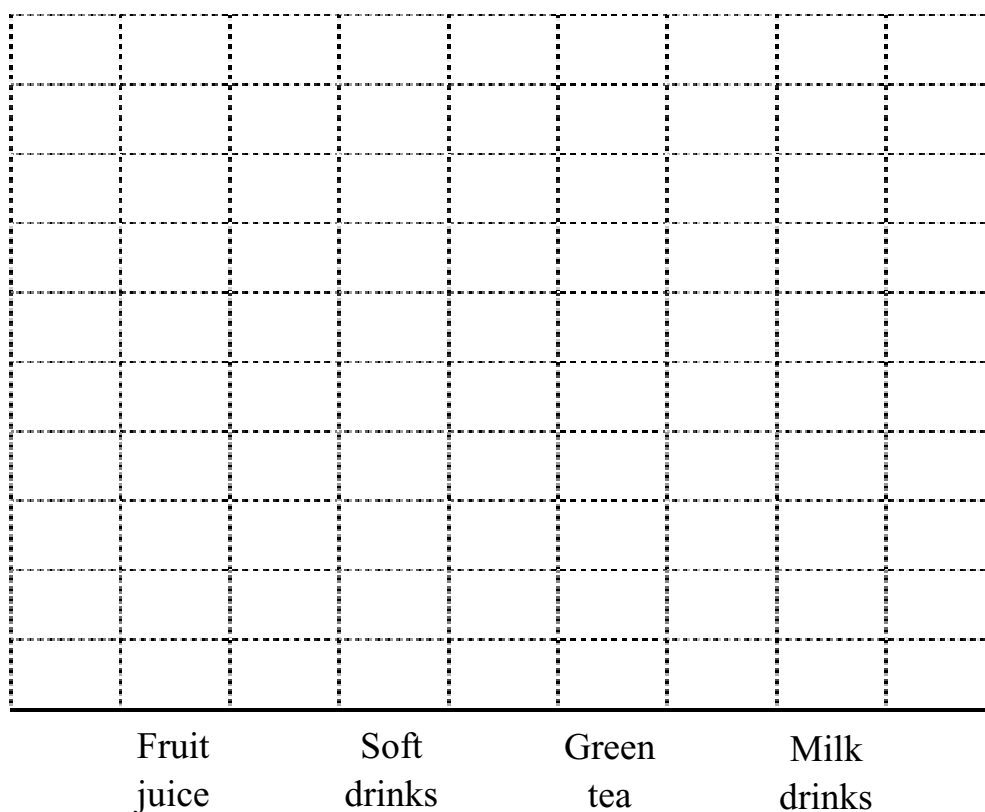
35. In a survey, Mary asked 20 classmates about their most favourite drinks.

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

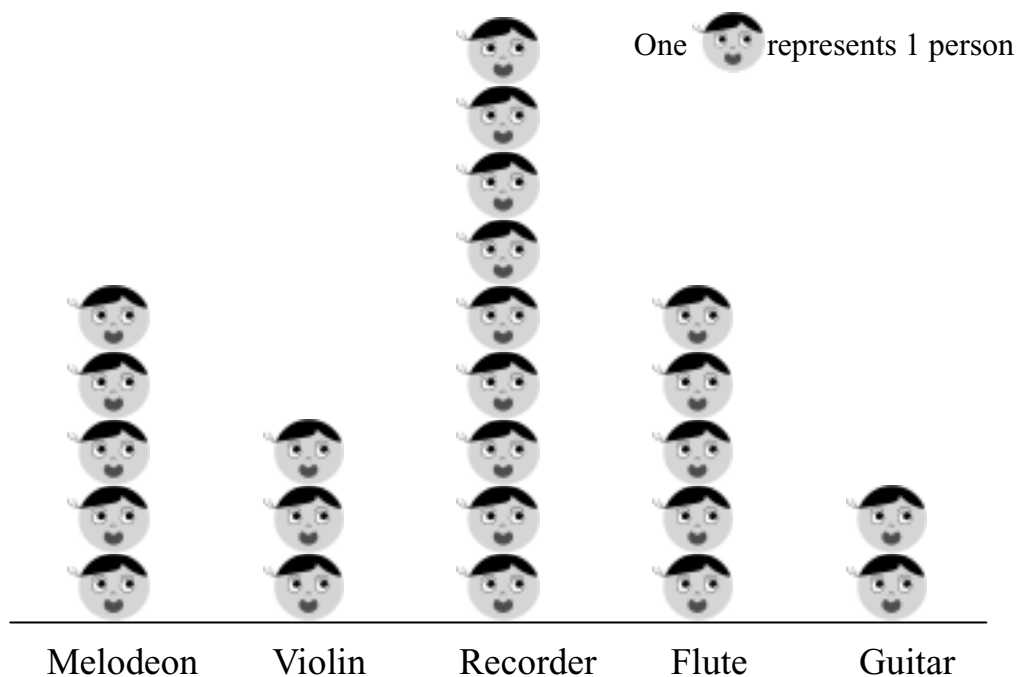
One block stands for 1 person



1 mark (63)

36. 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 (64)

1 mark (65)

1 mark (66)

1 mark (67)

END OF PAPER