

Education and Manpower Bureau

Territory-wide System Assessment 2005

Primary 3

Mathematics

Instructions:

1. There are 38 questions in this test.
2. Answer all questions.
3. The time allowed is 45 minutes.
4. Use of calculators is not allowed.
5. 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 mathematical expressions, 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.

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

School Code

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(5)

Class

--	--

Class No.

--	--

(11)

1. $46 + 857 =$ _____

1 mark (12)

2. $172 \times 9 =$ _____

1 mark (13)

3. $21 + 135 + 152 =$ _____

1 mark (14)

4. $365 - 178 =$ _____

1 mark (15)

5. $774 \div 6 =$ _____

1 mark (16)

6. $570 \div 9 =$ _____

1 mark (17)

7. $78 + 112 \times 6 =$

☐ A. 640

☐ B. 650

☐ C. 750

☐ D. 1140

(18)

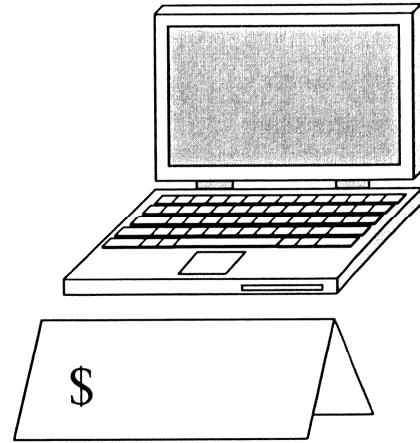
8. $700 - (425 - 113) =$ _____

1 mark (19)

9. $7 \times$ _____ $= 410 \times 7$

1 mark (20)

10. A notebook computer costs nine thousand and eighty dollars. Write down the price in numbers on the price tag.



1 mark (21)

11. Arrange the following numbers in order, from the smallest to the largest.

83 207

82 370

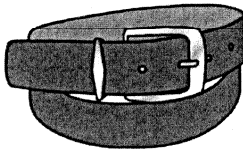
83 072

Answer :
(The smallest)

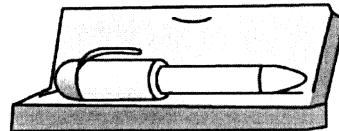
(The largest)

1 mark (22)

12.



\$ 99



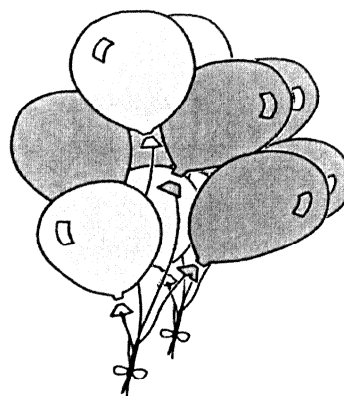
\$ 208

Father's birthday is coming soon. Sister and I bought him a belt and a pen. How much did we pay?

Answer: We paid \$ _____.

1 mark (23)

13. On Children's Day, a shopping mall got 800 balloons for children. 219 balloons were given out in the morning and 528 balloons were given out in the afternoon. How many balloons were left for the evening?
(Show your working)

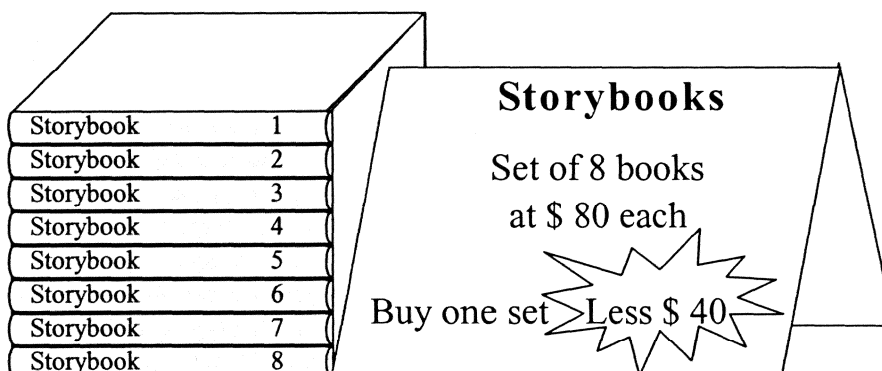


1 mark (24)

1 mark (25)

1 mark (26)

14.



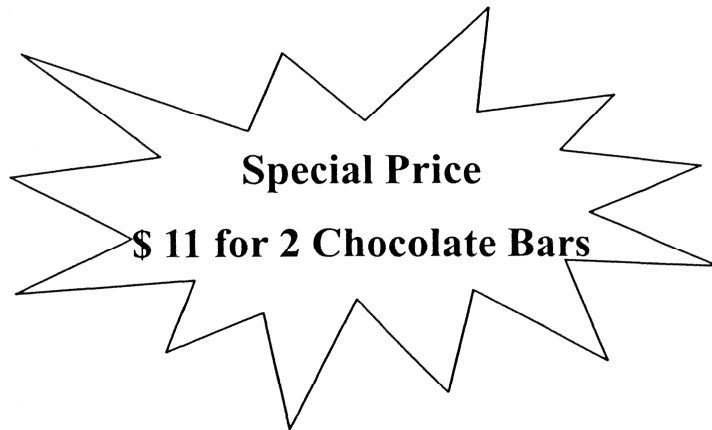
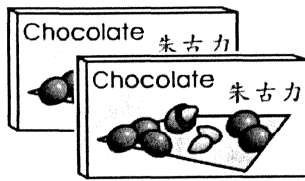
Stella buys the whole set of *Storybooks*.
How much does she pay?
(Show your working)

1 mark (27)

1 mark (28)

1 mark (29)

15.

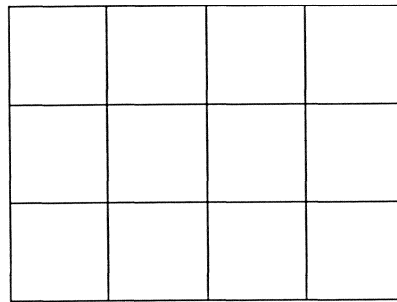


Bobo bought 2 chocolate bars and paid 11 dollars.

1 chocolate bar cost _____ dollars and _____ cents.

1 mark (30)

16. Shade $\frac{1}{3}$ of the following figure with a pencil.



1 mark (31)

17. In his purse,  has :



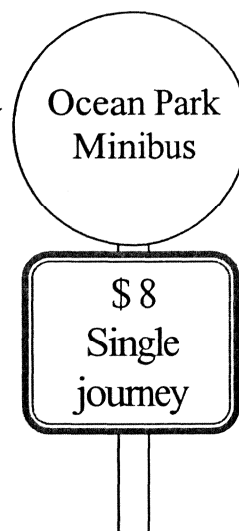
I have _____ dollars and _____ cents.

1 mark (32)

18. Today is Michael's 7th birthday. His parents take him to Ocean Park.

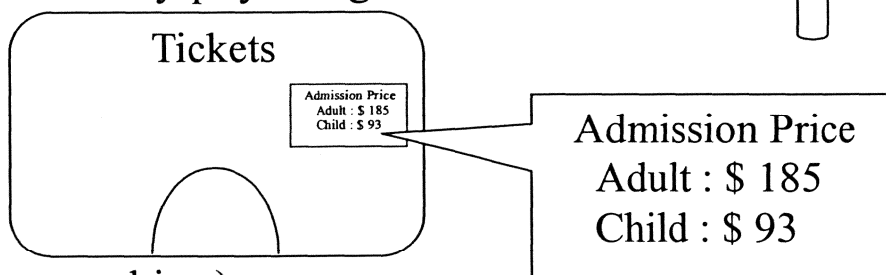
- (a) They travel **TO AND FROM** Ocean Park by minibus. How much do the 3 of them pay altogether for the round trip?

Answer : For the round trip, they pay \$_____altogether.



1 mark (33)

- (b) They buy their admission tickets. How much do they pay altogether?



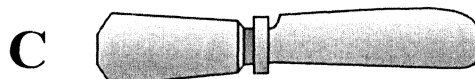
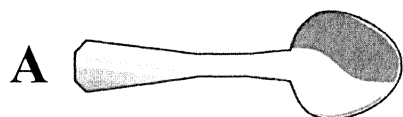
(Show your working)

1 mark (34)

1 mark (35)

1 mark (36)

19. Compare the lengths of the following. Arrange them in order, from the longest to the shortest.
(Write down the letters for the answers.)



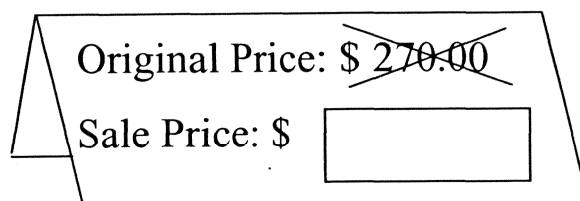
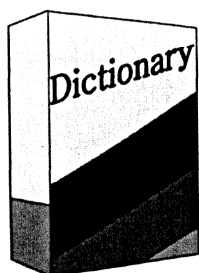
Answer : _____ , _____ , _____
(The longest) (The shortest)

1 mark (37)

20.



The original price of a dictionary was two hundred and seventy dollars. The sale price is now two hundred and three dollars and fifty cents.



(a) Write down the sale price on the price tag.

1 mark (38)

(b) Susan bought the dictionary. Circle the amount of money she should pay.



1 mark (39)

21. Which of the following fractions is the smallest?

○ A. $\frac{5}{6}$

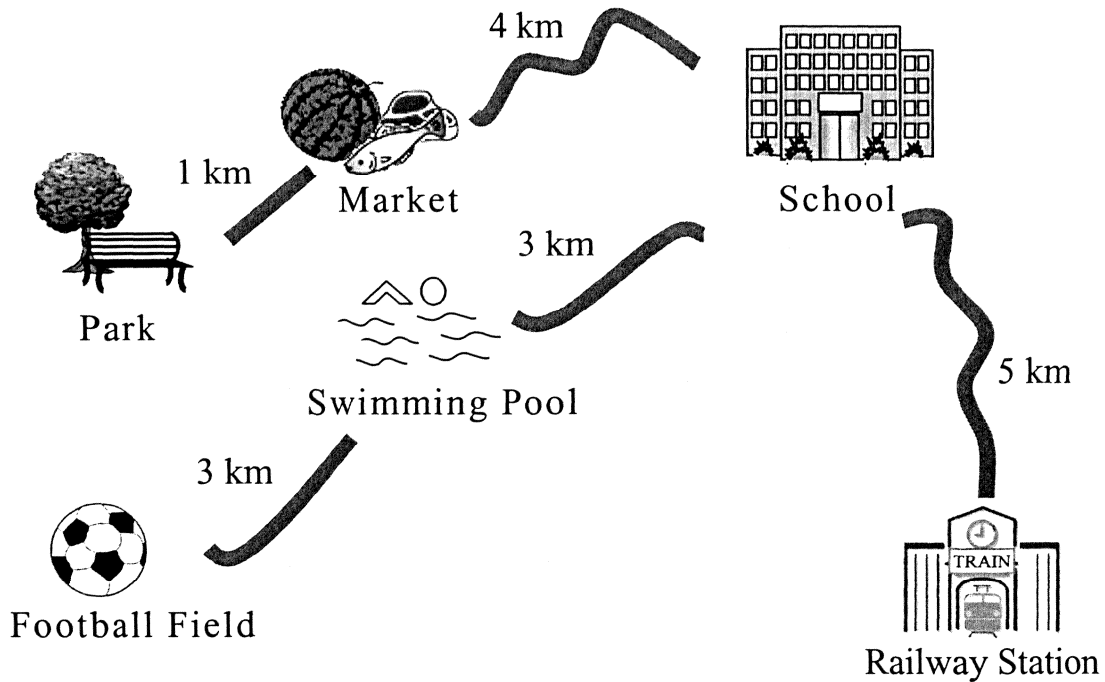
○ B. $\frac{5}{7}$

○ C. $\frac{5}{8}$

○ D. $\frac{5}{9}$

(40)

22. Study the following diagram and fill in the blanks.



(a) The distance from the school to the park is _____ km.

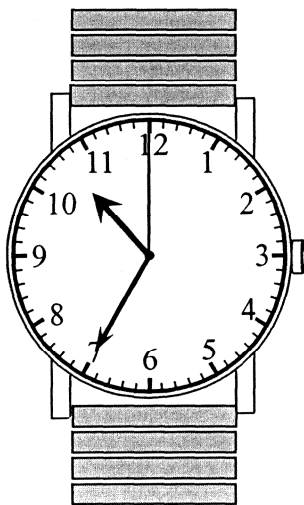
(b) The farthest place from the school is the _____.

1 mark (41)

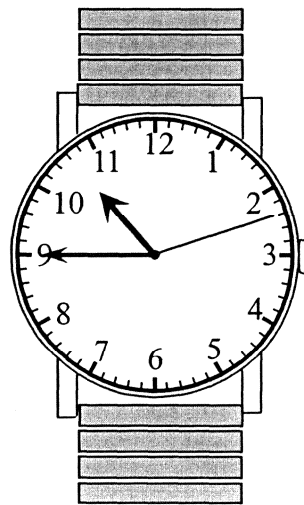
1 mark (42)

23. We had a fire drill in school. The teacher-in-charge checked the time:

Started



Ended

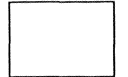


The fire drill lasted for _____ minutes and _____ seconds.

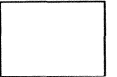
1 mark (43)

24. (a) There are _____ days in one week.
- (b) In the table below, circle the month(s) which has(have) 31 days.

January	February	March	April
May	June	July	August
September	October	November	December



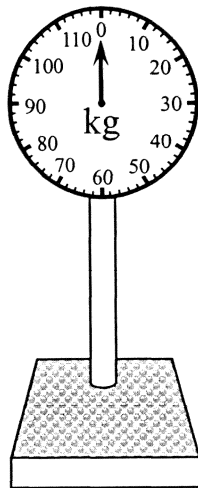
1 mark (44)



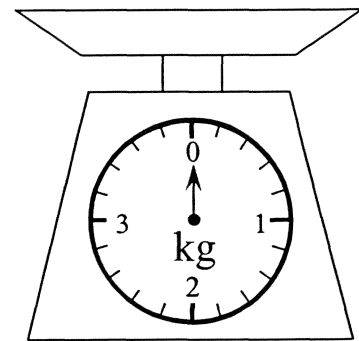
1 mark (45)

25. A vegetable shopkeeper wants to buy a weighing scale to weigh the vegetable that customers buy. Which of the following scales is the most suitable?

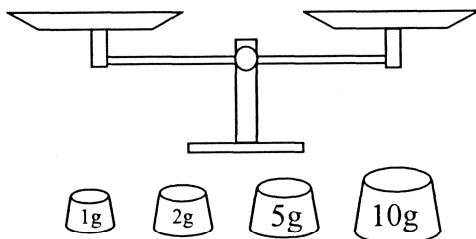
☐ A.



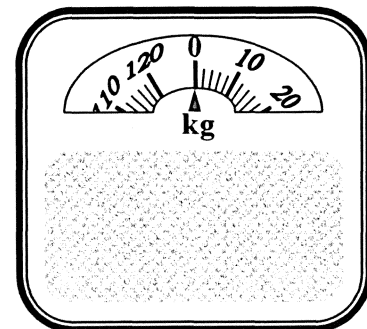
☐ B.



☐ C.

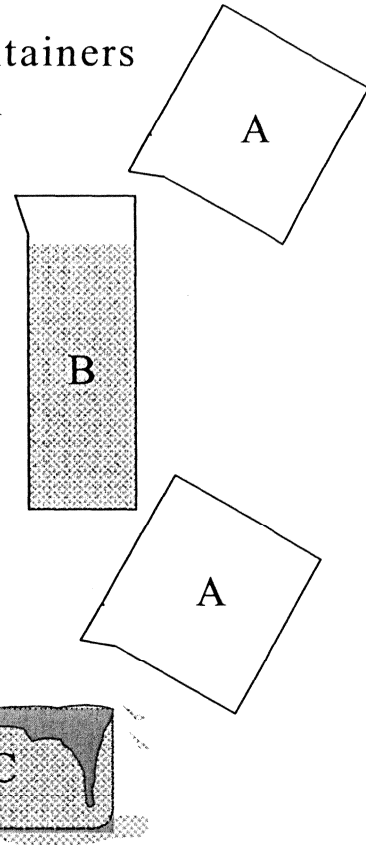


☐ D.



(46)

26. Kelly compared the capacities of the containers A, B and C. She first filled up Container A with water and then poured all the water into Container B. Container B was still not full.



Next, she filled up Container A with water again and then poured all the water into Container C. Water spilled out from Container C.

According to their capacities, arrange the containers in order, from the smallest to the largest.
(Write down the letters for the containers.)

Answer : Container _____ , Container _____ , Container _____
(The smallest) (The largest)

1 mark (47)

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

(a) The weight of a letter is about 25_____.

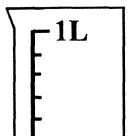
1 mark (48)

(b) The weight of a television is about 37_____.

1 mark (49)

(c) The weight of a mobile phone is about 130_____.

1 mark (50)

28. This container  is suitable for measuring

- ☐ A. the capacity of a swimming pool.
☐ B. the capacity of a bath tub.
☐ C. the capacity of a pot.
☐ D. the capacity of a teaspoon.

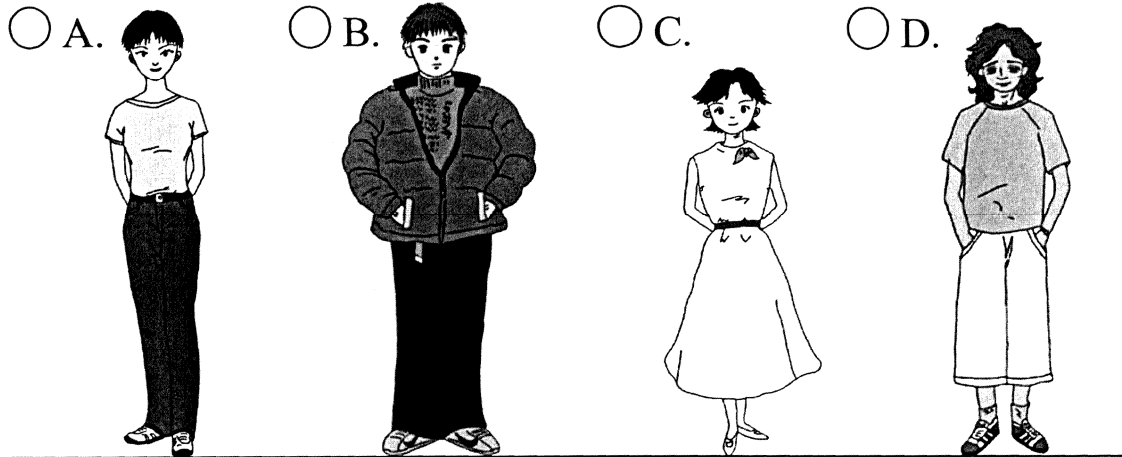
(51)

29. Yesterday, there was a robbery. According to the police information, find the robber.

?

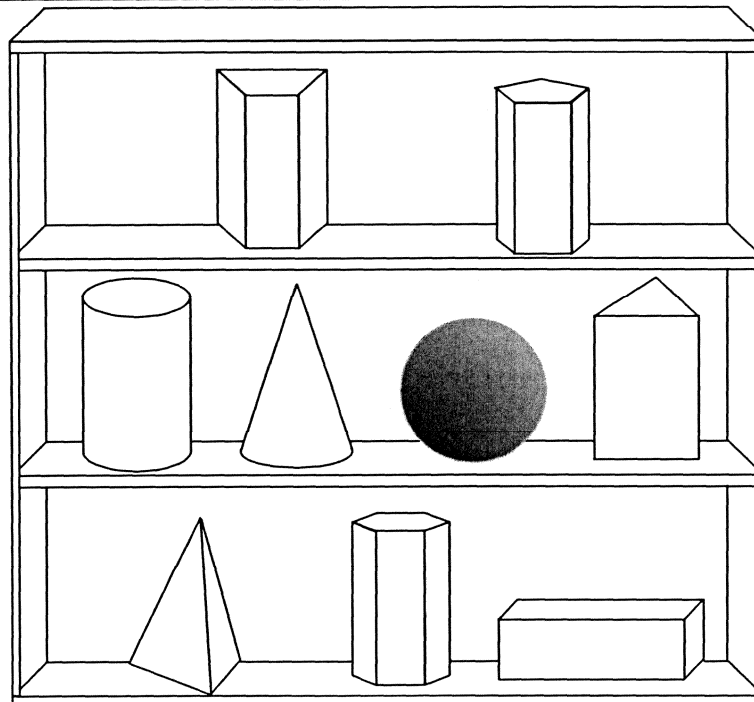
Wanted

1. Tall
2. With short hair
3. Wearing thin clothes



(52)

30.



(a) Which 3-D shape is on the right of the sphere? Put a “✓” on this shape in the above diagram.

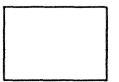
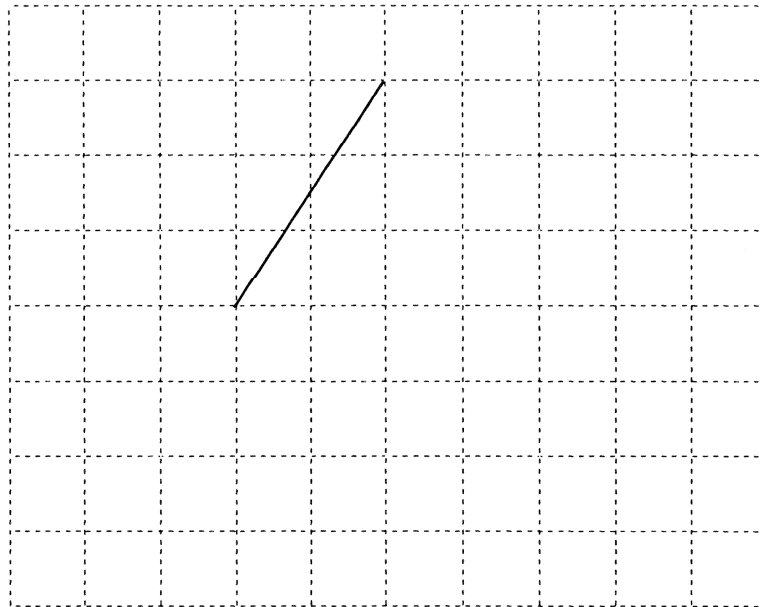
(b) How many 3-D shapes are there on the bottom shelf?

Answer: There are _____ 3-D shapes.

1 mark (53)

1 mark (54)

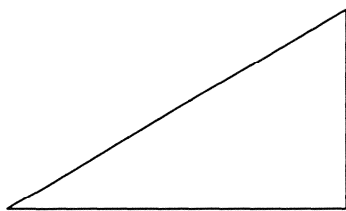
31. In the figure below, add three straight lines to make a rhombus.



1 mark (55)

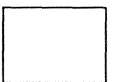
32. Name the following triangles.

(a)



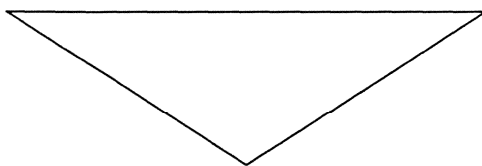
Answer:

_____ triangle



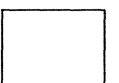
1 mark (56)

(b)



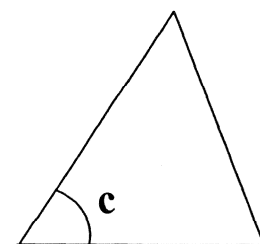
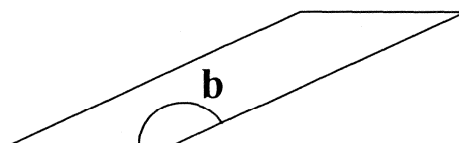
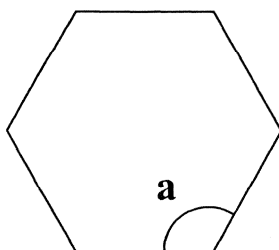
Answer:

_____ triangle

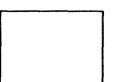


1 mark (57)

33. Arrange the angles a, b and c in order, from the largest to the smallest.

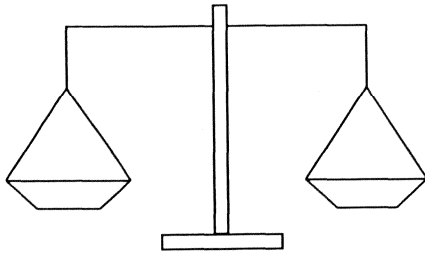


Answer : _____ , _____ , _____
(The largest) (The smallest)

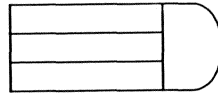


1 mark (58)

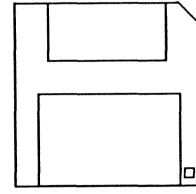
34.



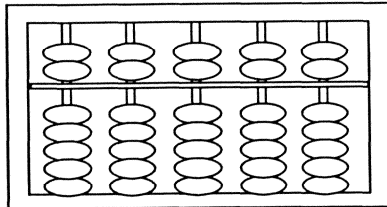
A



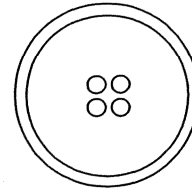
B



C



D



E

Study the above figures and fill in the letters for the answers.

(a) The figure(s) _____ is(are) made up of straight lines only.

(b) The figure(s) _____ is(are) made up of curves only.

(c) The figure(s) _____ is(are) made up of straight lines and curves.

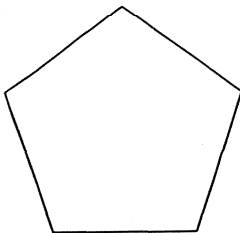
2 marks (59)

1 mark (60)

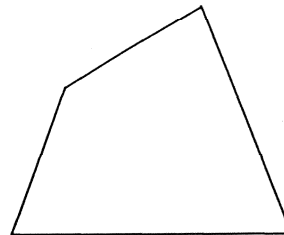
2 marks (61)

35. Name the following figures.

(a)



(b)



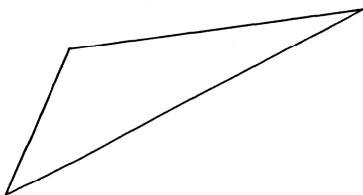
Answer: _____

Answer: _____

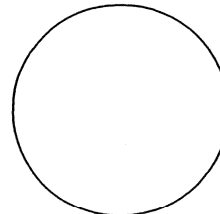
1 mark (62)

1 mark (63)

(c)



(d)



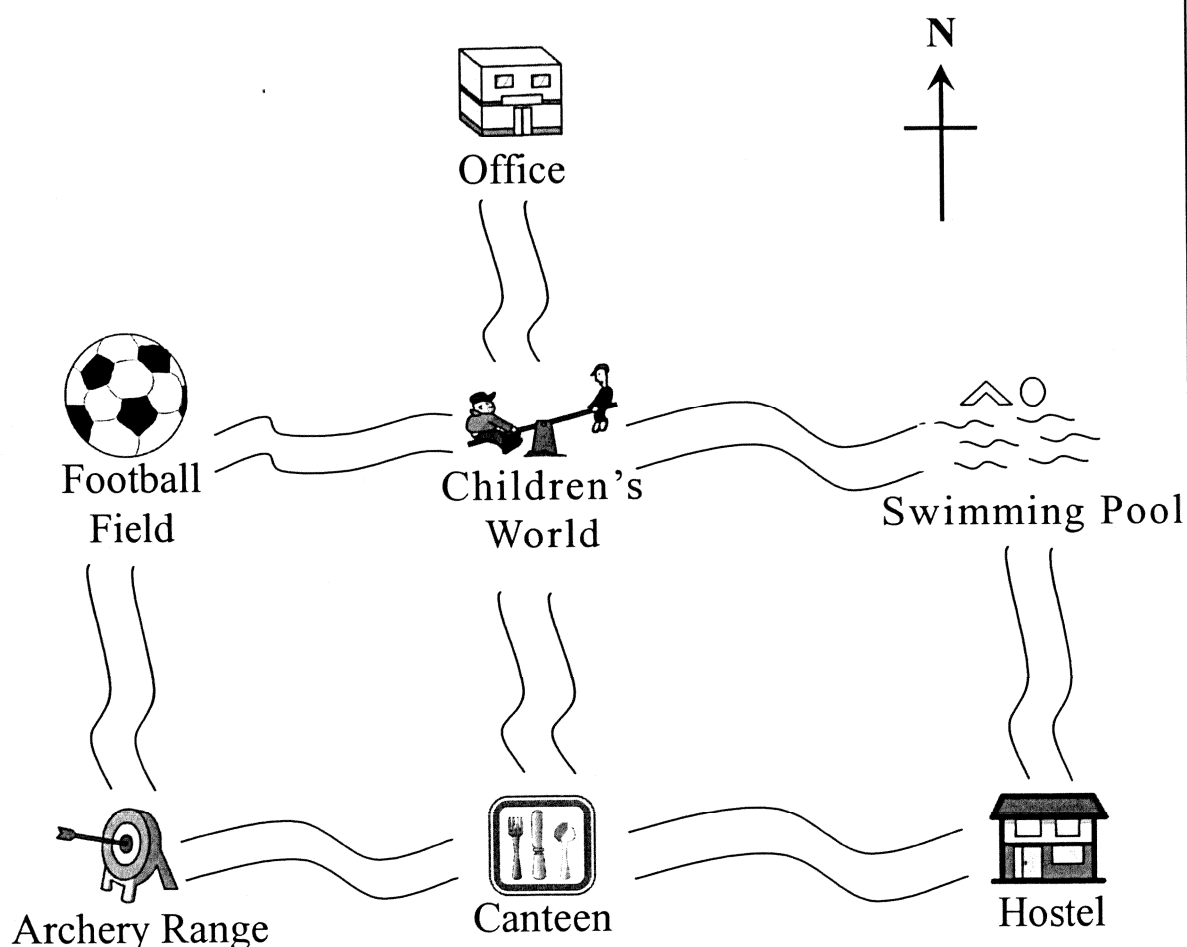
Answer: _____

Answer: _____

1 mark (64)

1 mark (65)

36. The following diagram is the map of a holiday camp.



(a) If we go south from the Office and turn west at the Children's World, we come to the _____.

1 mark (66)

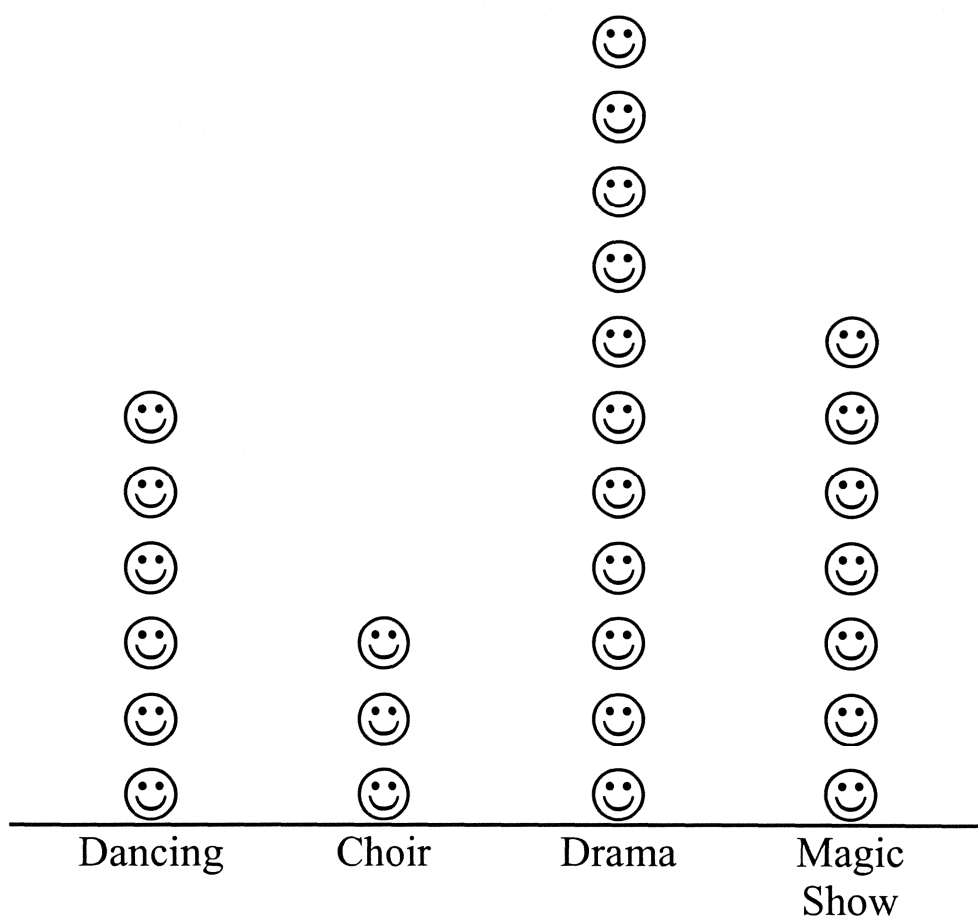
(b) After having breakfast in the Canteen, we want to go to the Swimming Pool. We should first go in the direction _____, passing the _____, and then go in the direction _____ to reach the Swimming Pool.

1 mark (67)

37. My school is holding a Christmas Party. Each class will perform a program. Pupils of P.3C made four suggestions. Their classmates were asked to decide on what program to perform by one-person-one-vote. The result was:

Choice of Christmas Party Program for P.3C

One 😊 stands for 1 person



- (a) According to the result of the voting, P.3C would perform _____ in the Christmas Party.
- (b) If 4 pupils did not vote, the total number of pupils in P.3C was _____ .

1 mark (68)

1 mark (69)

38. A teacher counted the number of pupils who won prizes in a Primary 3 Mathematics Quiz. This is the record:

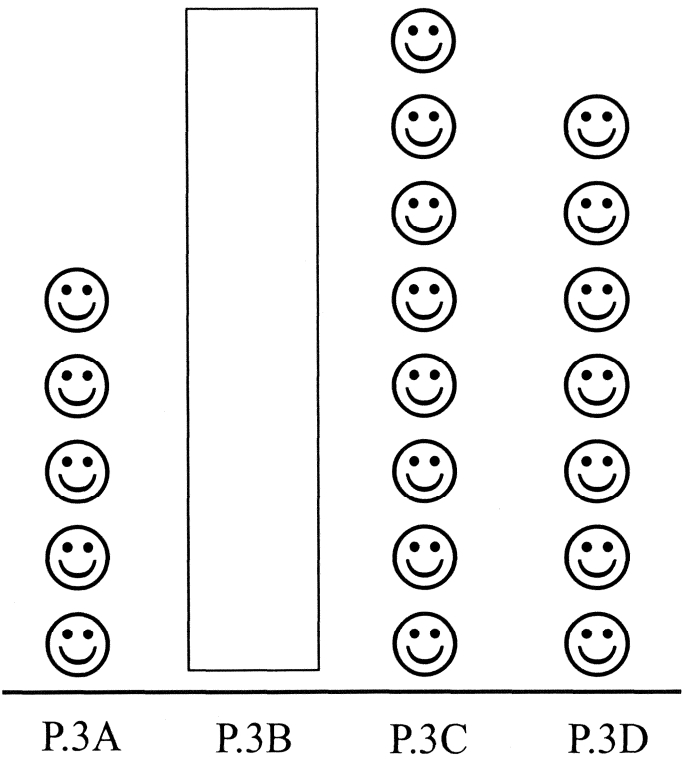
Class	P.3A	P.3B	P.3C	P.3D
Number of pupils	5	4	8	7

According to the record, complete the following pictogram by filling in the 2 boxes.

Prize Winners in the Primary 3 Mathematics Quiz

One 😊 stands for person

1 mark (70)



1 mark (71)

END OF PAPER