



\* 3 M E 2 \*

3	M	E	2
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Please stick the barcode label in the box

## Education Bureau Territory-wide System Assessment 2009 Primary 3 Mathematics

### Instructions:

1. Stick barcode labels on pages 1, 3, 5, 7 and 9 in the spaces provided.
2. There are 38 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 space provided.

School Code  
學校編號

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Class  
班別

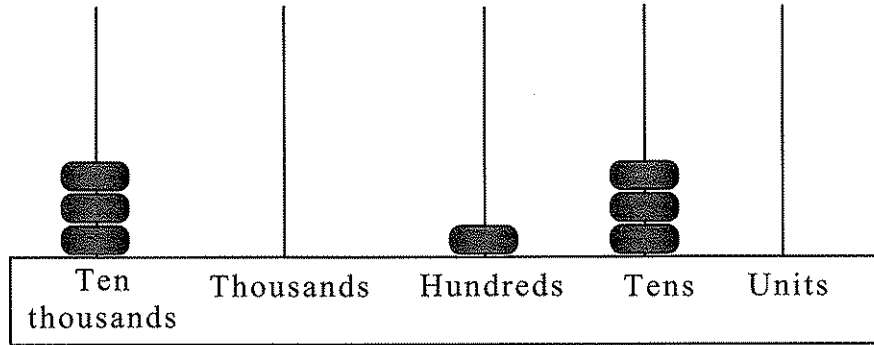
3	
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Class No.  
班號

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↑  
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.

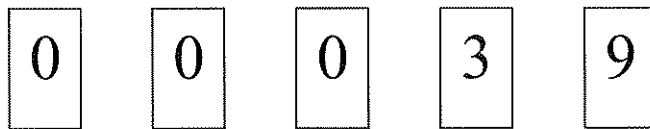
Answer: \_\_\_\_\_

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

2. Which of the following is 'eighty thousand, three hundred and thirty'?

- A. 83 330
- B. 80 030
- C. 80 330
- D. 80 003

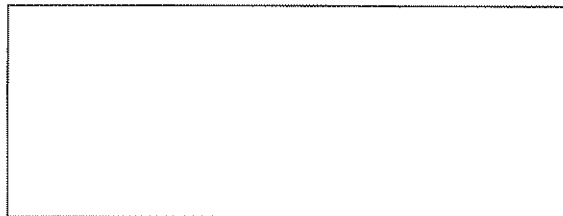
3.



Use the 5 number cards above to form three different 5-digit numbers. Arrange the numbers from the smallest to the largest.

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

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4.  $128 + 469 =$  \_\_\_\_\_

5.  $792 - 353 - 175 =$  \_\_\_\_\_

6.  $316 \times 6 =$  \_\_\_\_\_

7. Which of the following is correct?

A. 
$$\begin{array}{r} 3 \overline{)315} \\ \underline{15} \end{array}$$

B. 
$$\begin{array}{r} 3 \overline{)315} \\ \underline{105} \end{array}$$

C. 
$$\begin{array}{r} 3 \overline{)315} \\ \underline{15} \end{array}$$

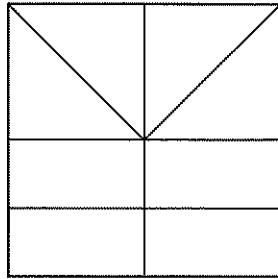
D. 
$$\begin{array}{r} 3 \overline{)315} \\ \underline{150} \end{array}$$

8.  $874 \div 6 =$  \_\_\_\_\_

9.  $511 - 263 + 152 =$  \_\_\_\_\_

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10. Shade one-quarter of the diagram below with a pencil.



11.



John has 21 stamps. He gives  $\frac{4}{7}$  of the stamps to his sister. How many stamps are left?

- A. 3 stamps
- B. 7 stamps
- C. 9 stamps
- D. 12 stamps

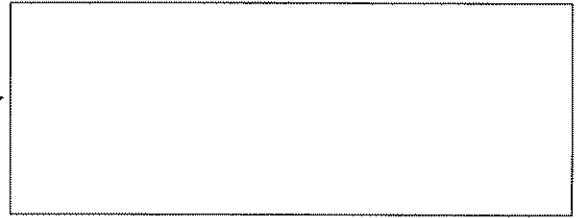
12. Mother buys a tin of baby milk powder which costs



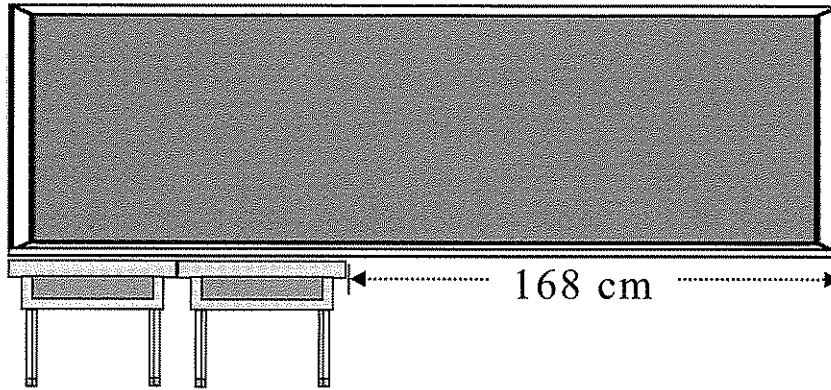
She pays 200 dollars. How much change should she get?

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

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13.

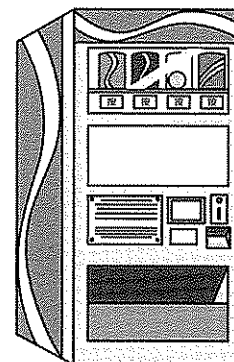


The length of a desk is 56 cm. What is the length of the blackboard?

- A. 56 cm
- B. 112 cm
- C. 224 cm
- D. 280 cm

14. There are 45 cans of soft drink in the vending machine. The owner puts in 5 dozen more cans. How many cans are there in the vending machine now?

- A. 9 cans
- B. 50 cans
- C. 105 cans
- D. 225 cans



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15. The price of a tricycle is 688 dollars. A set of wooden blocks is 389 dollars cheaper than a tricycle. John buys a set of wooden blocks and pays with a 500-dollar note. How much change should he get?

Answer: He should get \_\_\_\_\_ dollars change.

16. Mother pours 4 cartons of chicken soup into a pot. Each carton contains 411 mL of chicken soup.

There is a total of \_\_\_\_\_ mL of chicken soup in the pot.

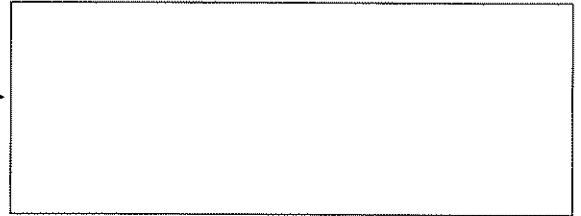
17. In the basketball team, 9 new members need to buy vest tops. Each of them pays \$170.00 and the school will pay the rest of the money. How much does the school have to pay in total?  
(Show your working)



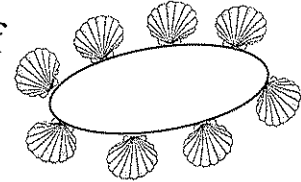
**\$283.00**

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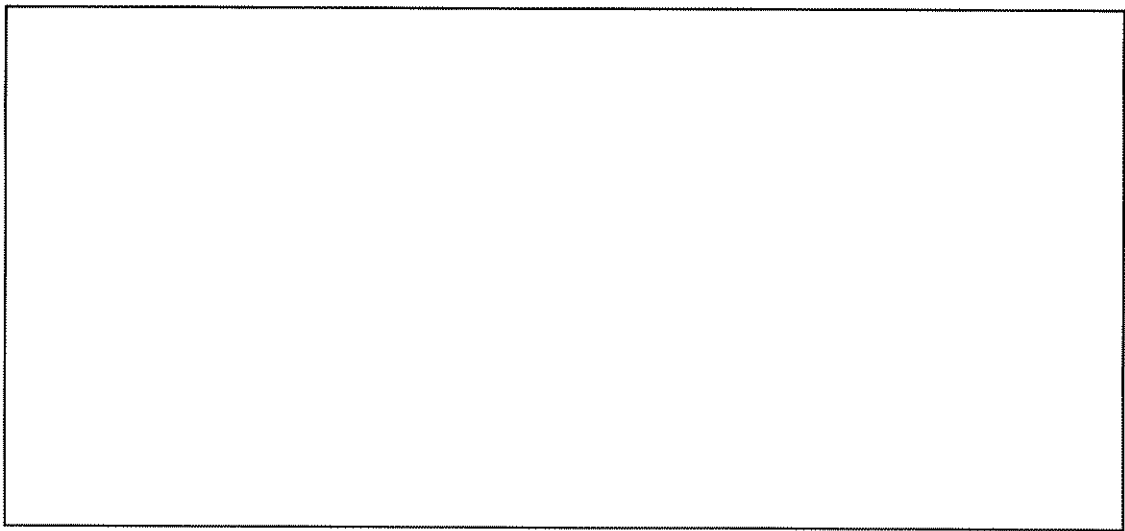
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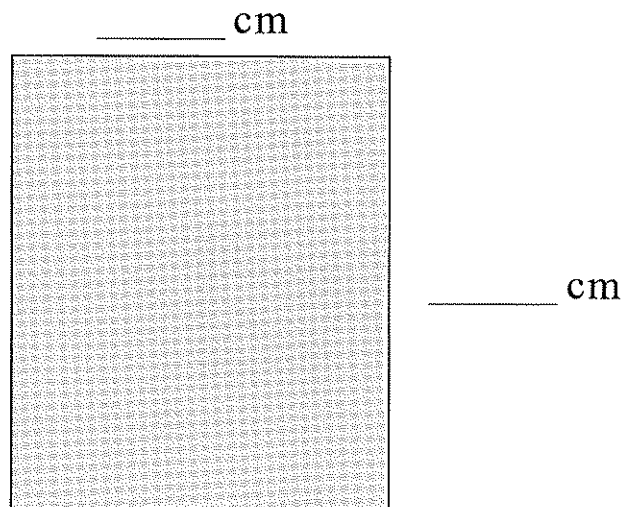
18. In Art lesson, pupils use 206 shells to make bracelets. Each bracelet is made of 8 shells. How many bracelets can be made at most?



(Show your working)



19. What are the width and length of the rectangle shown below?



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20. Write down the suitable units of length:

- (a) A desk is about 60 \_\_\_\_\_ tall.
- (b) The distance between Hong Kong and Beijing is about 2000 \_\_\_\_\_.
- (c) Beacon Hill is 458 \_\_\_\_\_ high.
- (d) The width of an Octopus Card is 54 \_\_\_\_\_.

21.

(a)  can be exchanged for  \_\_\_\_\_.

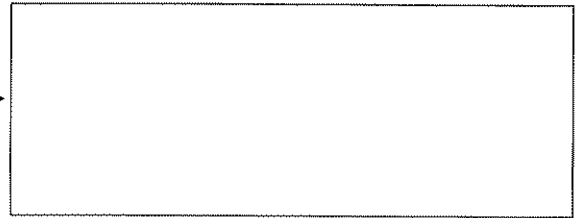
(b) 1  and 1  can be exchanged for  
\_\_\_\_\_ .

(c) 30  can be exchanged for  
\_\_\_\_\_ .

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22. Use the February Calendar to answer the following questions.

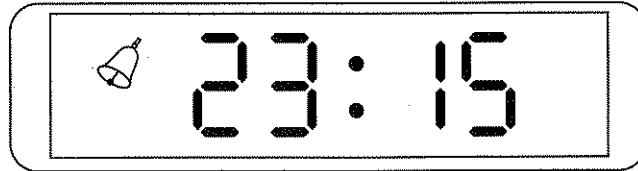
February						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29				

- (a) There are \_\_\_\_\_ days in this *whole year*.
- (b) On the 18<sup>th</sup> of February, Bill goes to Camp for three days. The last day of Camp is on the \_\_\_\_\_ of \_\_\_\_\_.  
(month)
- (c) The Lunar New Year's Day of this year is on the second Tuesday of February.  
The *Third Day* of the Lunar New Year is on the \_\_\_\_\_ of \_\_\_\_\_.  
(month)

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23.

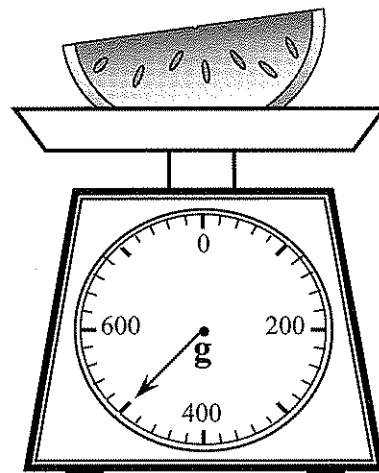
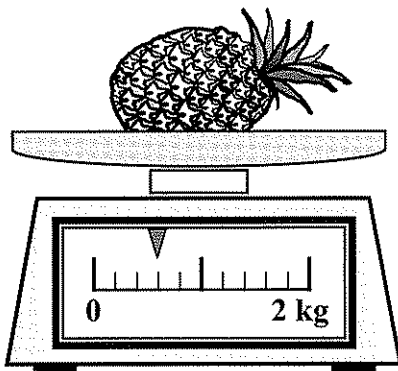


The time shown on the digital clock is \_\_\_\_\_ minutes past \_\_\_\_\_ in the \* morning / afternoon (\*circle the answer).

24. Jump Rope Class begins at 3:45 p.m. It lasts 35 minutes. What time in the afternoon does Jump Rope Class end?

Answer: Jump Rope Class ends at \_\_\_\_\_ minutes past \_\_\_\_\_ in the afternoon.

25.




is heavier (\* circle the answer);

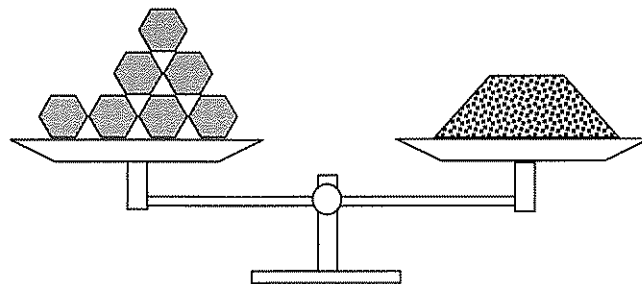
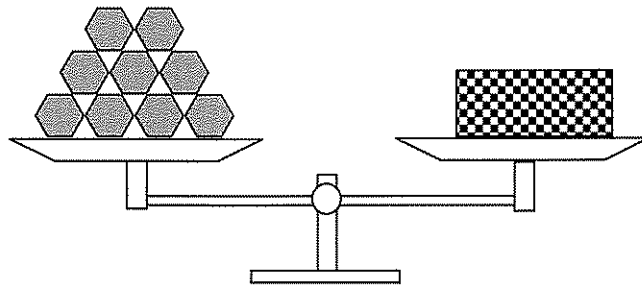
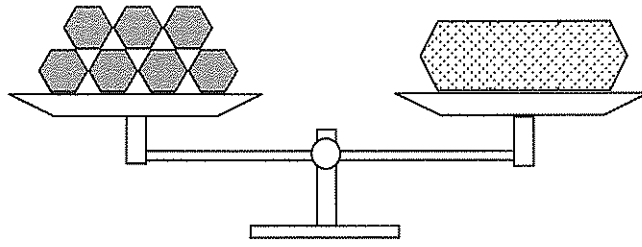
it weighs \_\_\_\_\_ g more than the other fruit.

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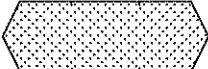
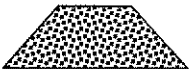
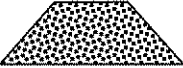



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26. Lily uses  as unit, and measures the weight of three objects:



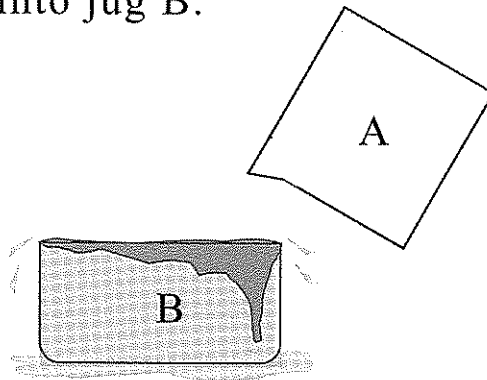
Which of the following is correct?

- A.  is the lightest.
- B.  and  weigh the same.
- C.  is heavier than .
- D.  and  weigh the same.

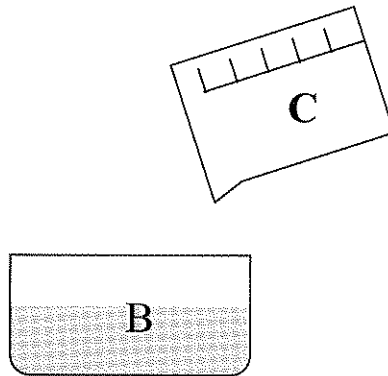
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27. In the figure, jug A is filled up with water. All the water is then poured into jug B.



The water in jug B is then poured away. Jug C is filled up with water. All the water is then poured into jug B.

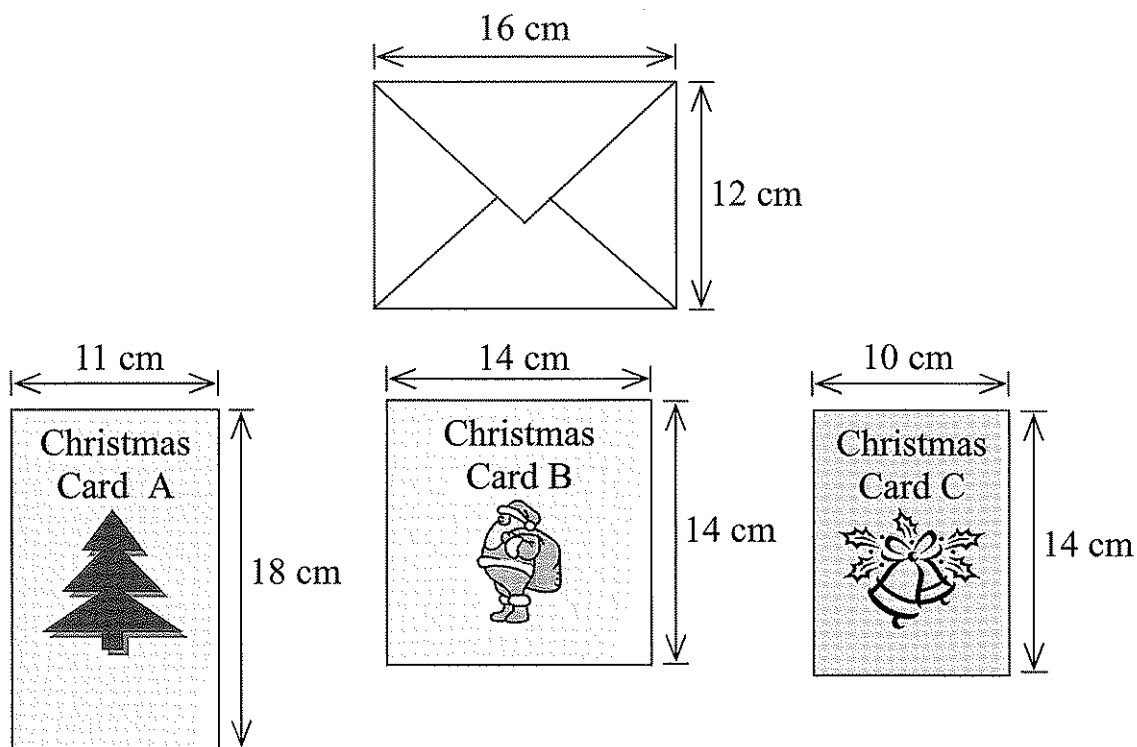


Jug \_\_\_\_\_ has the largest capacity.

Jug \_\_\_\_\_ has the smallest capacity.

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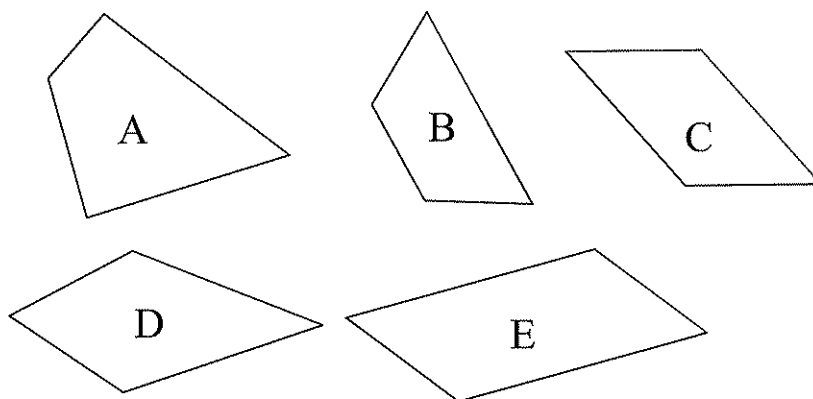
28. Betty has three Christmas cards and one envelope:



Which Christmas card can be put into the envelope?

Answer: Christmas card \_\_\_\_\_

29. Follow the instruction. Write down the letter(s) for the answer(s).



List all the parallelogram(s): \_\_\_\_\_

Please do not write in the margin.

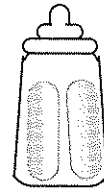
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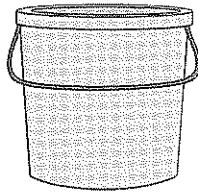
30. To measure 10 mL of water, which is the most suitable?



A.



B.

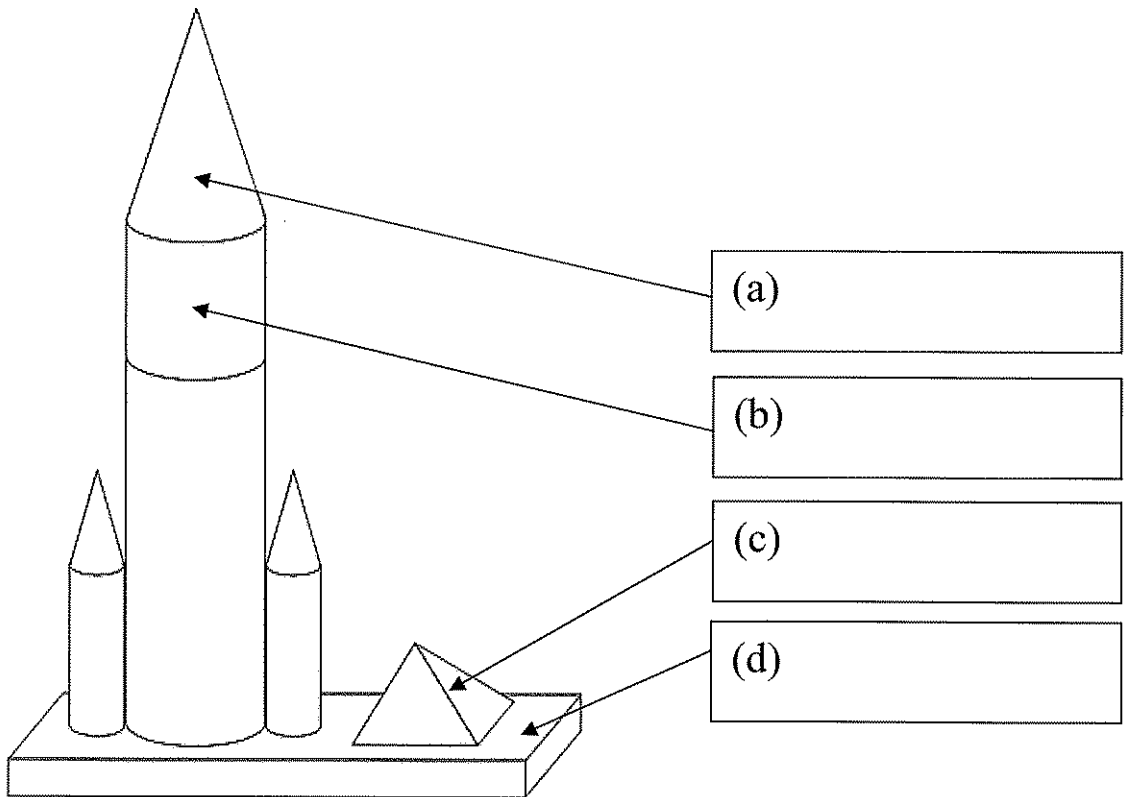


C.



D.

31. Some 3-D shapes form the model below. Write their names in the boxes.



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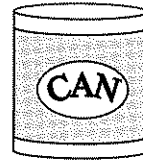
32. Follow the instructions. Write down the letter(s) for the answers.



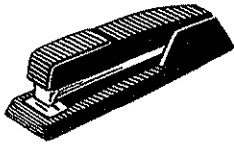
A



B



C



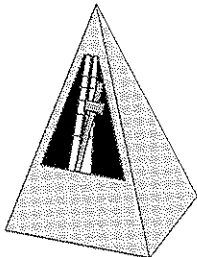
D



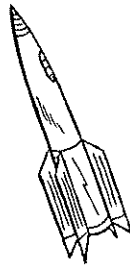
E



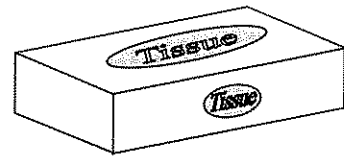
F



G



H



I

List:

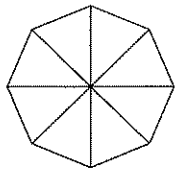
(a) Sphere(s): \_\_\_\_\_

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

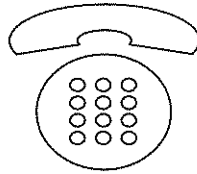
(c) Pyramid(s) / Cone(s): \_\_\_\_\_

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33. Follow the instructions. Write down the letter(s) for the answer(s).



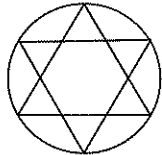
A



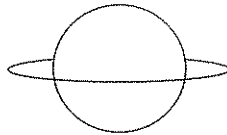
B



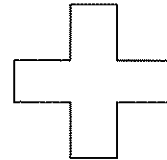
C



D



E



F

List:

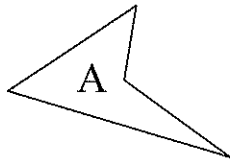
(a) Figure(s) made up of straight line(s) only:

\_\_\_\_\_

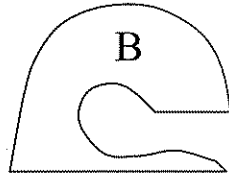
(b) Figure(s) made up of straight line(s) and curve(s):

\_\_\_\_\_

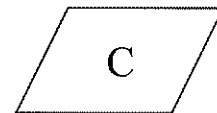
34. Follow the instructions. Write down the letter(s) for the answer(s).



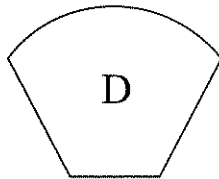
A



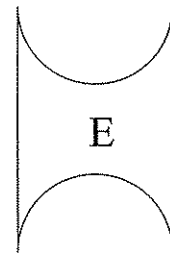
B



C



D



E

List:

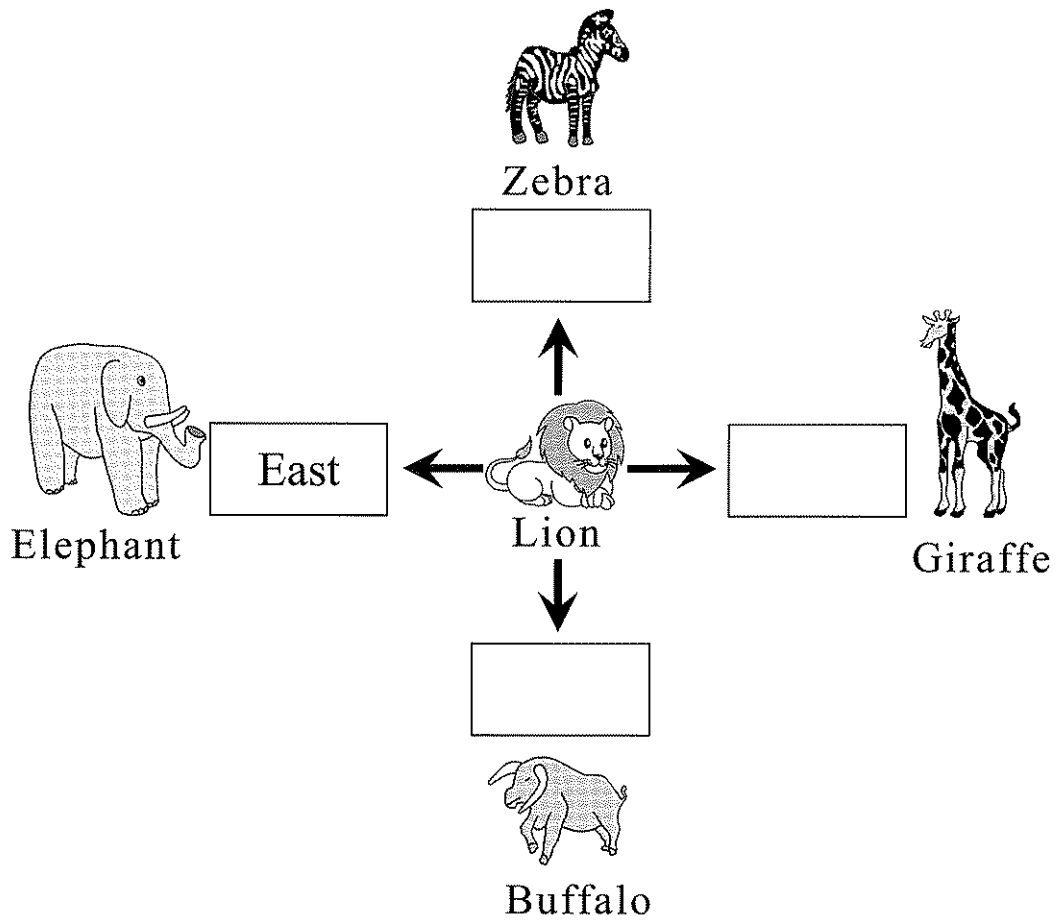
(a) Figure(s) made up of curves and parallel lines:

\_\_\_\_\_

(b) Quadrilateral(s): \_\_\_\_\_



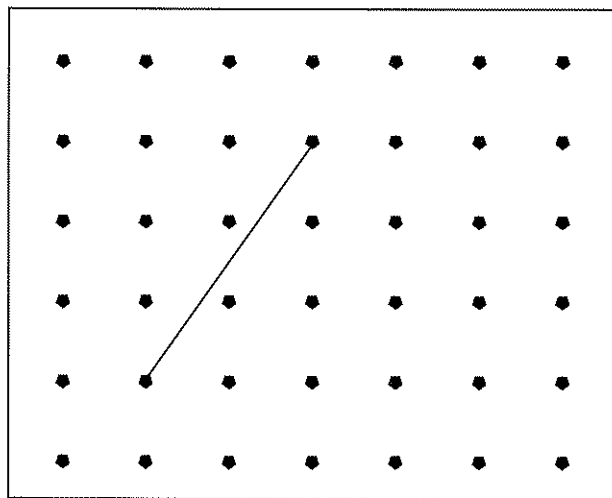
35. The elephant is to the east of the lion. Fill in the boxes with the other directions.



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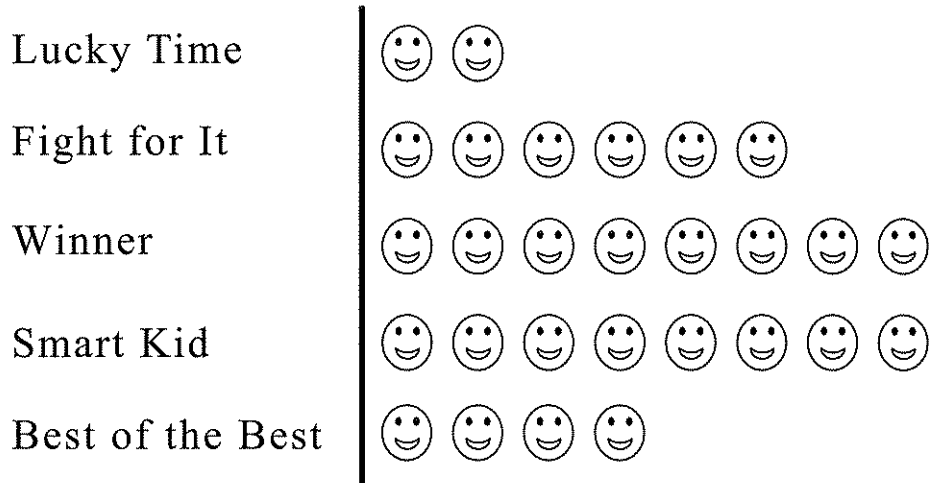
36. Wendy uses a rubber band to make an isosceles triangle on the pin-board. The figure shows one of its sides. Draw the other two sides of the isosceles triangle.



37. P.3B pupils are choosing a name for their School Open Day game booth by one-person-one-vote. The results are as follows:

**Name of the Game Booth**

Each  represents 1 pupil



- (a) The number of pupils choosing “Fight for It” is triple the number of those who choose ‘ \_\_\_\_\_ ’.
- (b) There are 34 pupils in P.3B. \_\_\_\_\_ of them do not vote.
- (c) According to the above pictogram, P.3B pupils \*can / cannot (\*circle the answer) choose a name for the game booth, because \_\_\_\_\_  
\_\_\_\_\_.

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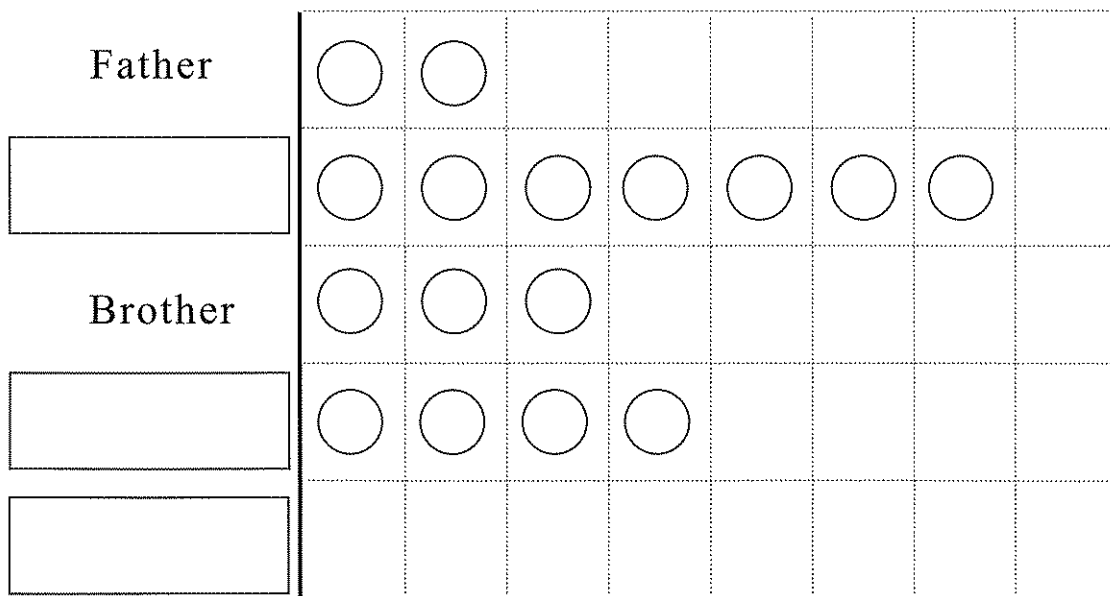
38. Linda has done a survey on the number of pairs of shoes in her family. The results are as follows:

Family members	Father	Mother	Brother	Linda	Sister
No. of pairs of shoes	3	7	4	6	3

According to the above results, complete the pictogram below.

### Number of Pairs of Shoes in Linda's Family

Each ○ represents 1 pair of shoes



— END OF PAPER —

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