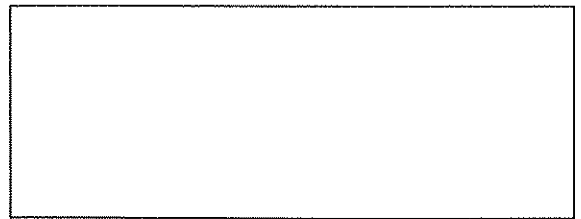


3	M	E	2
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## Education Bureau Territory-wide System Assessment 2010 Primary 3 Mathematics

### 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

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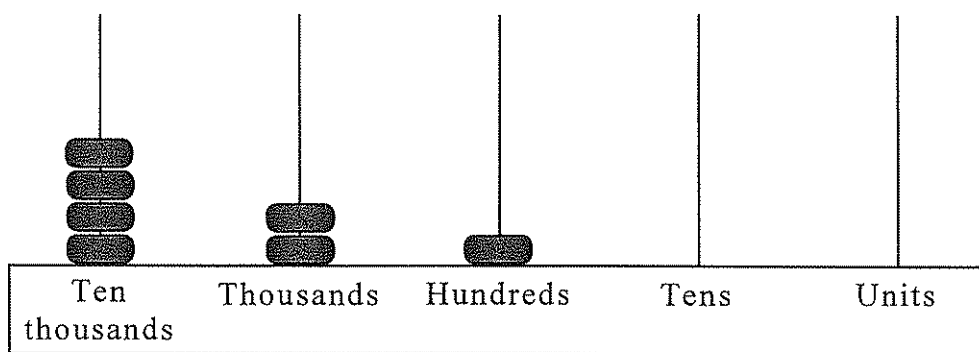
1. In the number 30 009, what does '3' stand for?

- A. Thirty
- B. Three hundred
- C. Three thousand
- D. Thirty thousand

2. Which of the following is 'fifty thousand and three hundred'?

- A. 5 030
- B. 5 300
- C. 50 300
- D. 53 000

3.



Write in numerals the number shown on the above abacus.

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

4.  $82 + 98 =$  \_\_\_\_\_

5.  $308 - 173 - 73 =$  \_\_\_\_\_

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6. Which of the following is correct?

A. 
$$\begin{array}{r} 7 \overline{)749} \\ \underline{17} \end{array}$$

B. 
$$\begin{array}{r} 7 \overline{)749} \\ \underline{17} \end{array}$$

C. 
$$\begin{array}{r} 7 \overline{)749} \\ \underline{107} \end{array}$$

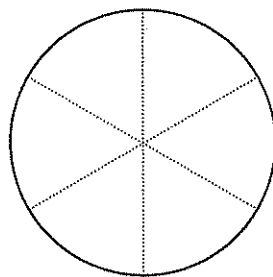
D. 
$$\begin{array}{r} 7 \overline{)749} \\ \underline{170} \end{array}$$

7.  $8 \times 260 =$  \_\_\_\_\_

8.  $870 \div 3 =$  \_\_\_\_\_

9.  $7 \times 123 - 681 =$  \_\_\_\_\_

10. Mother divides a cake into 6 equal pieces. Peter eats 2 pieces. What fraction of the cake does Peter eat?

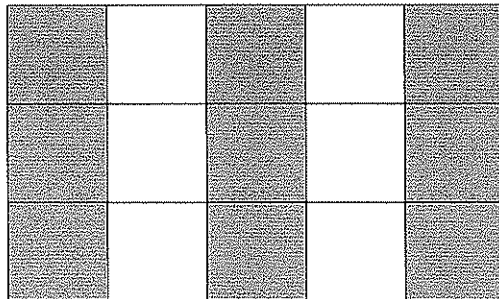



Answer: Peter eats \_\_\_\_\_ of the cake.

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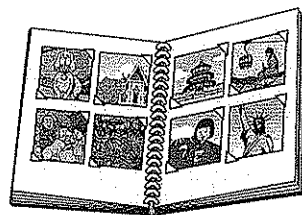
11. The diagram below is made up of squares of the same size. Some of the squares are shaded. Use a pencil to shade the rest of the squares, so that  $\frac{11}{15}$  of the whole diagram is shaded.



12. Kitty has one . After she buys a cartoon book for 36 dollars and 50 cents, she still has \_\_\_\_\_ dollars and \_\_\_\_\_ cents left.

13. Michael has \$800. He spends \$125 on books and \$85 on toys. Michael has \$ \_\_\_\_\_ left.

14.

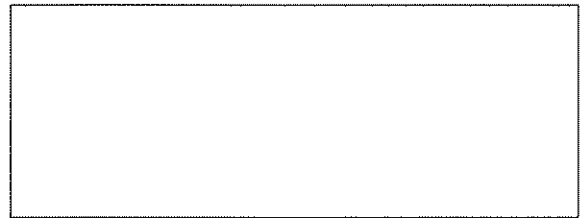


Each page of a photo album can hold 4 photographs. Jenny puts 134 photographs into the album. At least how many pages have photographs?

Answer: At least \_\_\_\_\_ pages have photographs.

Please do not write in the margin.

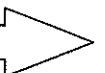
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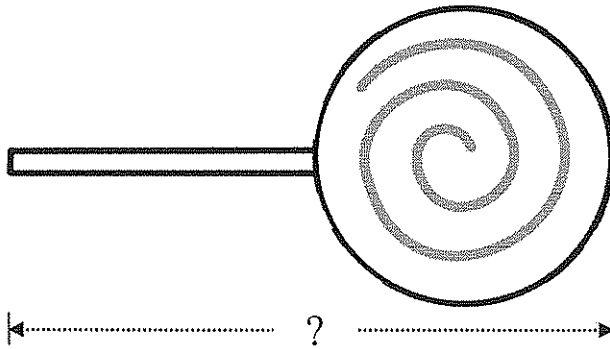
15. There are 46 pupils in the sports team. The number of pupils in the choir is 3 times that in the sports team.  
There are \_\_\_\_\_ pupils in the choir.
16. The weight of each bag of rice is 8 kg. The weight of each bag of flour is 5 kg. The total weight of six bags of rice and one bag of flour is \_\_\_\_\_ kg.
17. The price of each adult ticket for a concert is \$260. A child ticket is \$25 cheaper than an adult ticket. Mother buys one adult ticket and one child ticket. How much does she pay altogether?  
(Show your working)

Please do not write in the margin.



18. A grocery has eight cartons of grapes. The weight of each carton of grapes is 10 kg. Three cartons of grapes are sold in the morning and 5 kg of grapes are sold in the afternoon. What is the total weight of grapes sold?  
(Show your working)

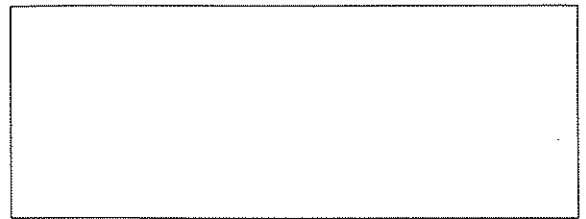
19.



The length of the lollipop is \_\_\_\_\_ mm.

20. Write down the suitable measuring unit in each of the following.
- (a) The tallest building in Hong Kong is Two International Finance Centre, which is about 416 \_\_\_\_\_ tall.
  - (b) The Tate's Cairn Tunnel is about 4 \_\_\_\_\_ long.
  - (c) An umbrella weighs about 480 \_\_\_\_\_.
  - (d) An air conditioner weighs about 30 \_\_\_\_\_.

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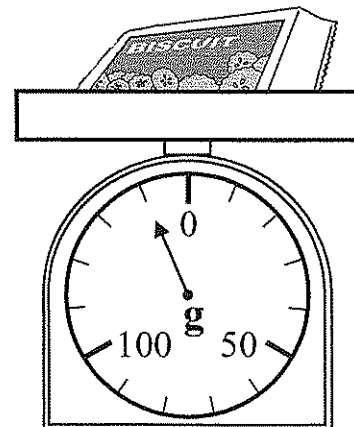


21. Use the August calendar below to answer the following questions.

August						
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) Tina joined a flag-selling activity on the last Wednesday of July. The date was the \_\_\_\_\_ of \_\_\_\_\_.  
(month)
- (b) The Toy Fair will start on the second Thursday of August. It will be held for 5 days. The Toy Fair will end on the \_\_\_\_\_ of \_\_\_\_\_.  
(month)

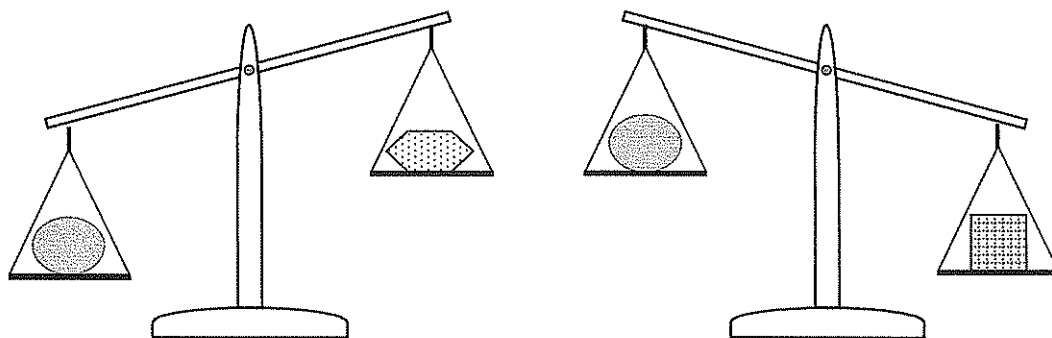
22. The weight of the bag of biscuits is \_\_\_\_\_.  
(Give your answer with a unit)











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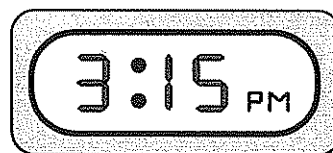
23.



Study the diagrams above. Which of the following is correct?

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

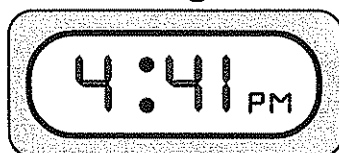
24. (a) The tennis match started at



It was \_\_\_\_\_ minutes past \_\_\_\_\_ in the  
\*morning / afternoon. (\*Circle the answer)

(b) Father started watching the tennis match live on

television at



. The match had started

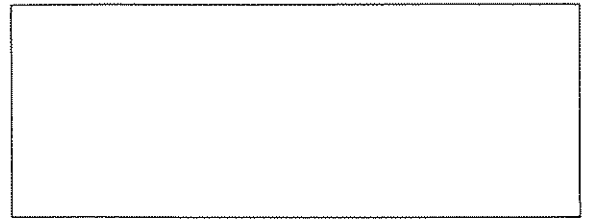
for \_\_\_\_\_ hour(s) and \_\_\_\_\_ minute(s).

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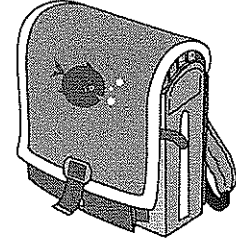
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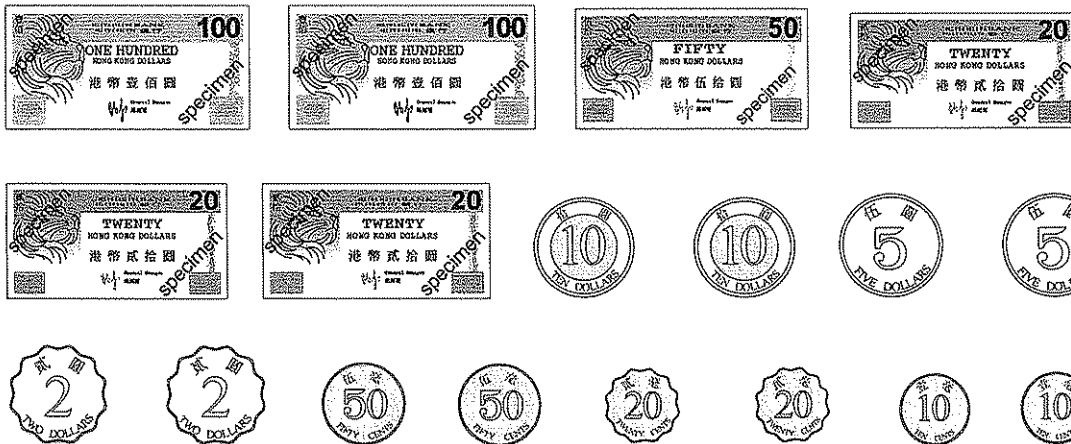
25. The price of the rucksack is one hundred sixty-two dollars and seventy cents.



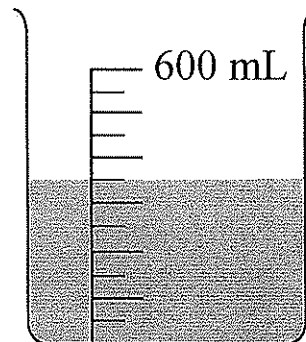
(a) Write the price in numerals on the price tag.



(b) If Joyce wants to buy the rucksack, how much should she pay? Circle the amount.



26. To fill up the beaker with 600 mL of water, you must add \_\_\_\_\_ mL of water.



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27. Container R is filled up completely with water and all the water is poured into container S. The result is shown in Figure 1.

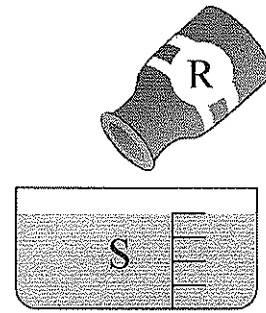


Figure 1

The water in container S is then poured away. Container T is filled up with water and all the water is poured into container S. The result is shown in Figure 2.

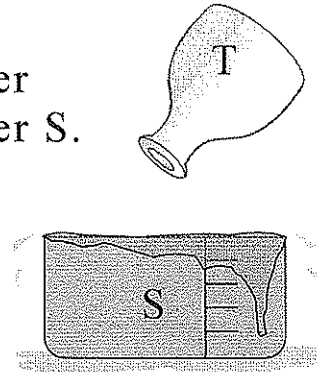


Figure 2

According to the results, which of the following is correct?

- A. The capacity of container T is smaller than the capacity of container R.
- B. The capacity of container T is larger than the capacity of container R.
- C. The capacity of container T is the smallest.
- D. The capacity of container S and container T is the same.

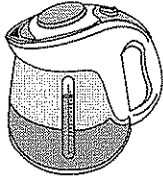
28.



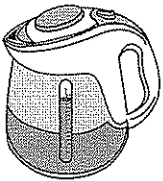
of water can fill up



of water can fill up



of water can fill up



of water can fill up \_\_\_\_\_



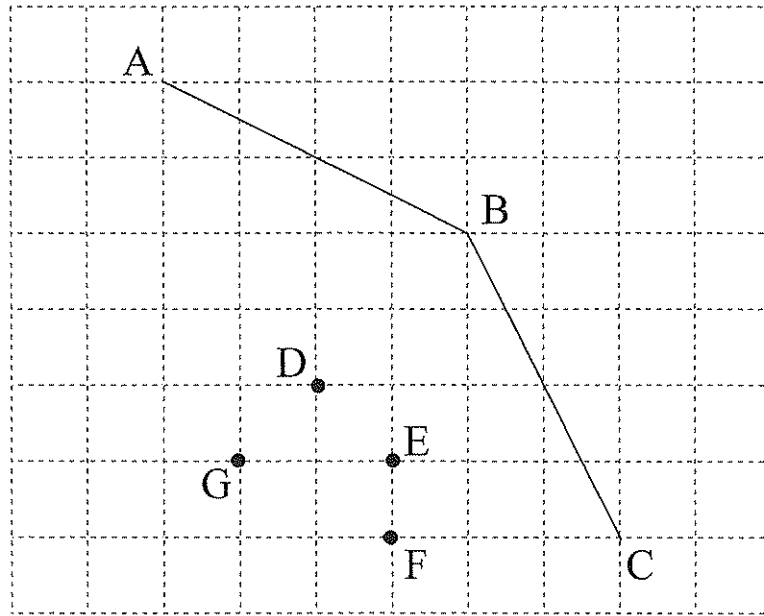
29. The timetable below shows the afternoon television programmes.

Time	Programme
1:00	News
1:25	Sports
2:05	Noon Music
2:55	Movie of the Day
4:25	Little Cat

- (a) Use '24-hour time' to show the starting time of 'Movie of the Day'. The time is \_\_\_\_\_ : \_\_\_\_\_.
- (b) Now, it is 3:18 p.m. 'Little Cat' will begin in \_\_\_\_\_ hour(s) and \_\_\_\_\_ minute(s).

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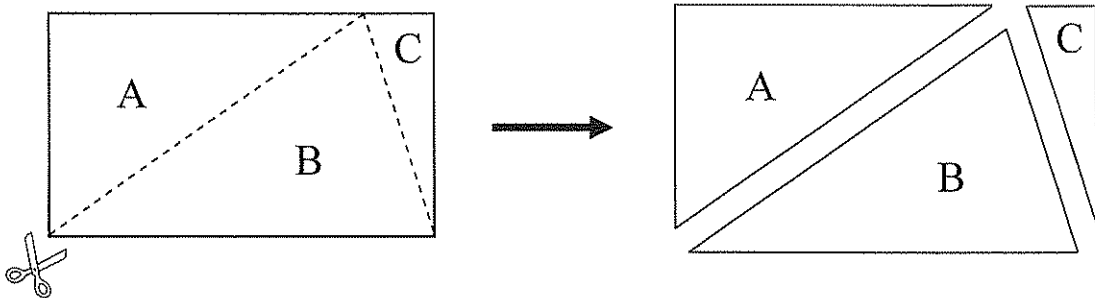
30.



Victor wants to make a rhombus on the above pin-board using a rubber band. He should join point \* D / E / F / G with points A, B and C to make the rhombus.

(\*Circle the answer)

31.

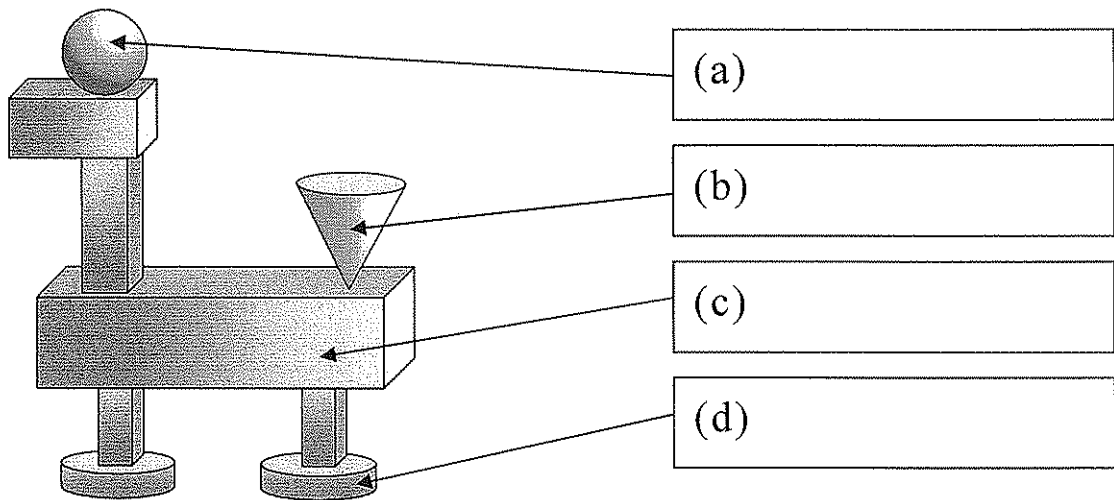


By cutting along the dotted lines in the rectangle shown above, we can get three triangles. B is a/an \_\_\_\_\_ triangle.

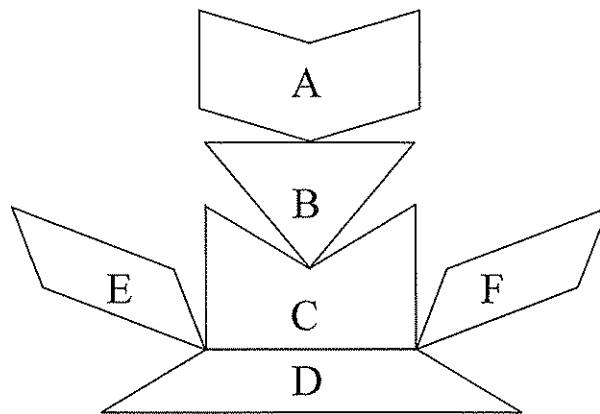
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32. Some 3-D shapes form the model below. Write their names in the boxes.



33. The diagram below is made up of 2-D shapes. Follow the instructions. Write down the letter(s) for the answers.



List:

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

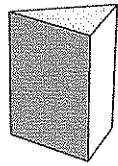
(b) Parallelogram(s): \_\_\_\_\_

(c) Hexagon(s): \_\_\_\_\_

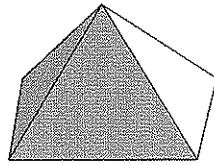
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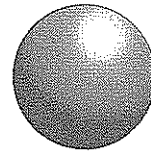
34. Follow the instructions. Write down the letter(s) for the answers.



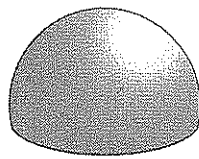
A



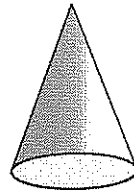
B



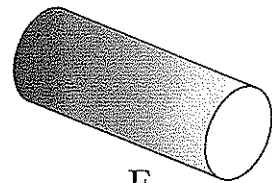
C



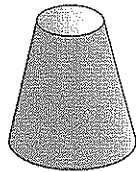
D



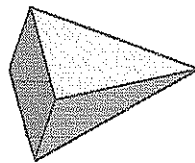
E



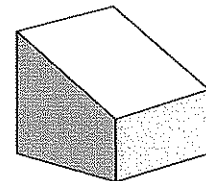
F



G



H



I

List:

(a) Prism(s): \_\_\_\_\_

(b) Pyramid(s): \_\_\_\_\_

(c) Cylinder(s): \_\_\_\_\_

(d) Sphere(s): \_\_\_\_\_

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35. In Figure A, draw on the dotted lines to show a pair of parallel lines.

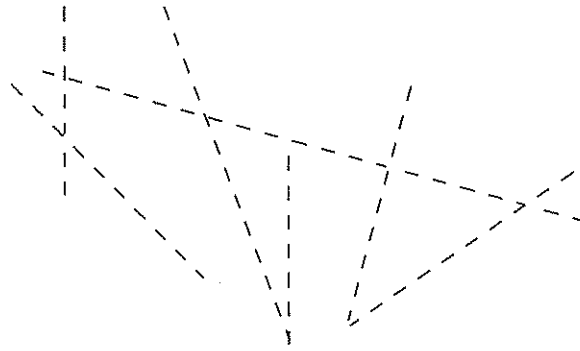


Figure A

- In Figure B, draw on the dotted lines to show a pair of perpendicular lines.

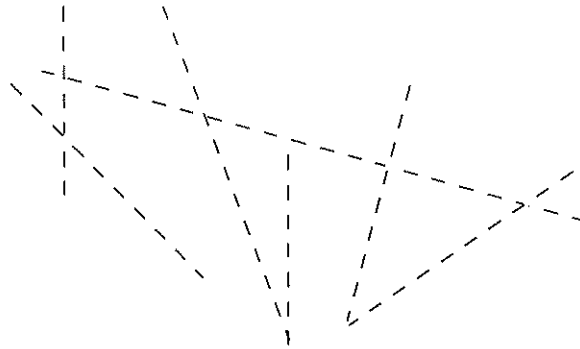
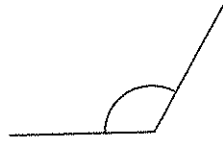


Figure B

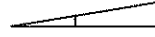
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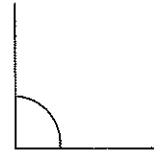
36. Follow the instructions. Write down the letter(s) for the answers.



A



B



C



D



E



F

List:

(a) Right angle(s): \_\_\_\_\_


(b) Angle(s) larger than a right angle: \_\_\_\_\_

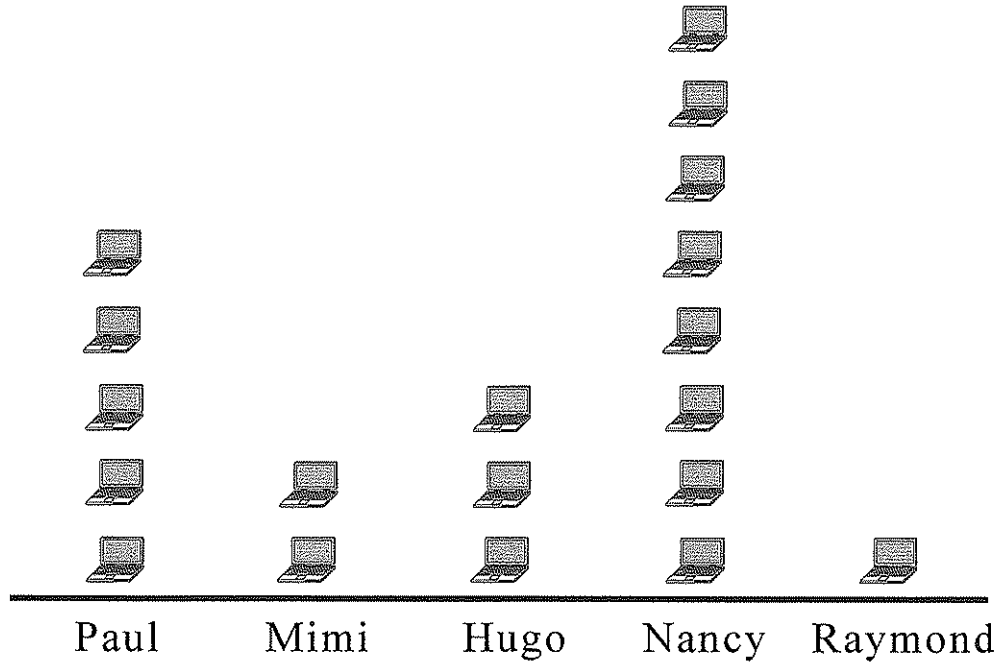
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37. The following pictogram shows the number of websites browsed by five pupils.

**Number of browsed websites**

Each  stands for 1 website



- (a) Who browsed the largest number of websites?  
Answer: The number of websites browsed by \_\_\_\_\_ was the largest.
- (b) Raymond browsed \_\_\_\_\_ websites  
\*more / less than Hugo. (\*Circle the answer)
- (c) The websites browsed by Mimi and Hugo were all different. They browsed a total of \_\_\_\_\_ websites.

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Please do not write in the margin.

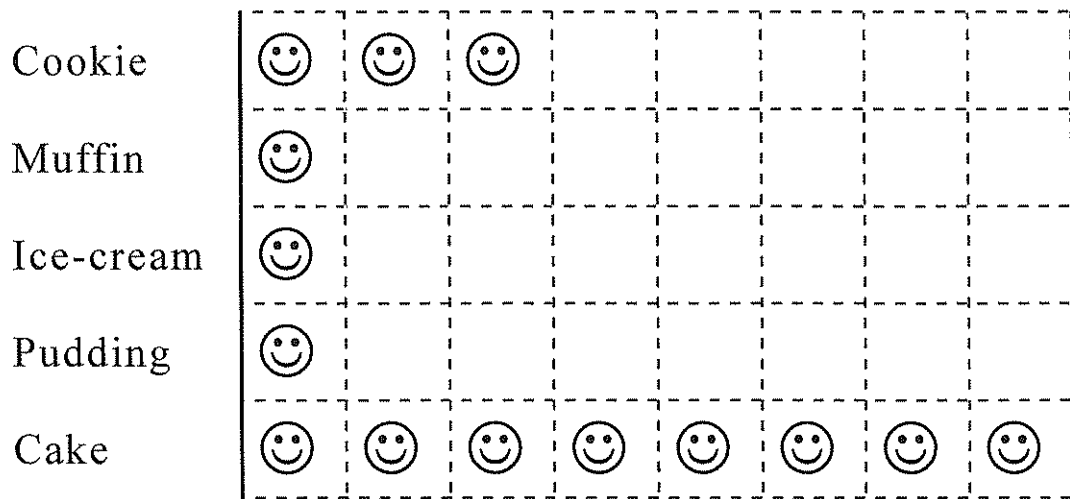
38. The following table shows the favourite snacks of 22 children.

Snack	Cookie	Muffin	Ice-cream	Pudding	Cake
Number of children	3	2	5	4	8

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

(Title)

Each ☺ stands for 1 child



— END OF PAPER —

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2010-TSA-MATH-3ME2-20