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## 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

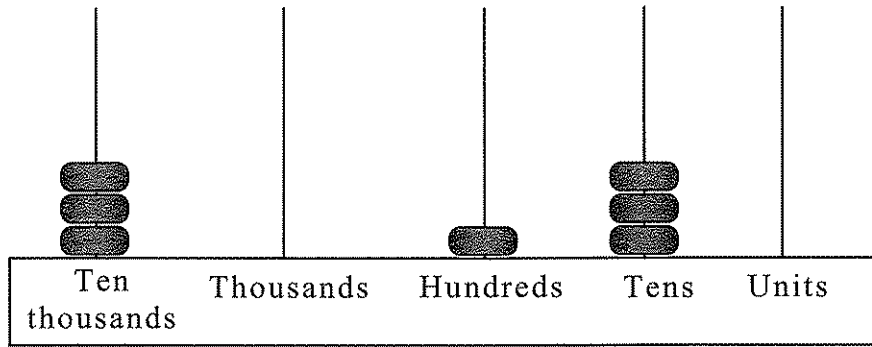
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Write one **capital letter** in this box  
此格只許填寫一個大楷英文字母

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1.



(a) Write in words the number shown on the above abacus.

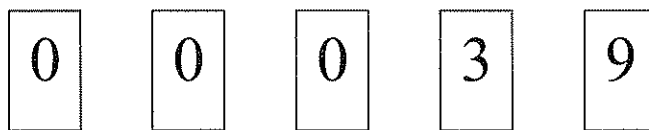
Answer: \_\_\_\_\_

(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

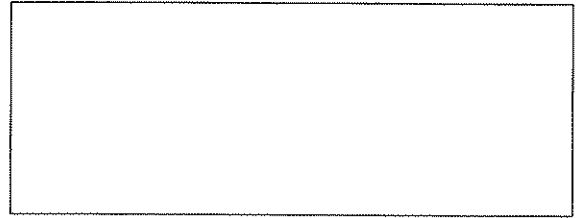
3.



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

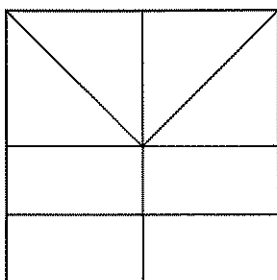
D. 
$$\begin{array}{r} 3 \overline{)315} \\ \underline{150} \end{array}$$

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



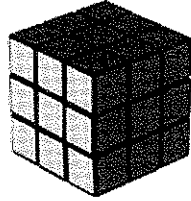
She pays 200 dollars. How much change should she get?

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

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13.



\$19.90

The price of a Rubik's Cube is \_\_\_\_\_ dollars  
\_\_\_\_\_ cents.

14. There are 346 toy cars and 28 shelves in a shop. The shopkeeper puts 7 toy cars on each shelf. How many toy cars are not put on the shelf?

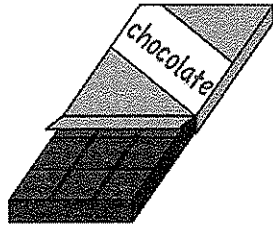
Answer: \_\_\_\_\_ toy cars are not put on the shelf.

15. Father drove 545 km over the past 5 days. On average, he drove \_\_\_\_\_ km each day.

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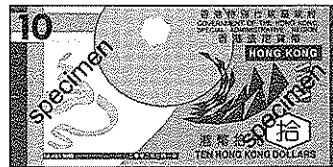
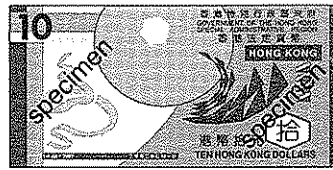
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16.



\$29.90

Circle the amount needed to buy a bar of chocolate.



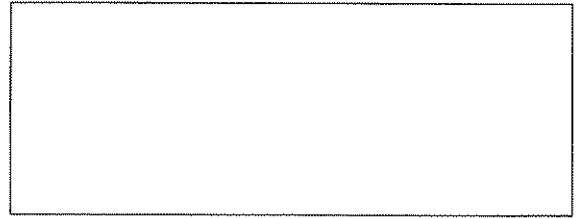
17. Tammy leaves home at 7:50 a.m. to walk to school. She arrives at 8:09 a.m. How much time does it take her to walk to school?

Answer: It takes her \_\_\_\_\_ minutes to walk to school.

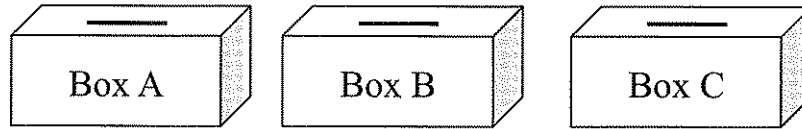
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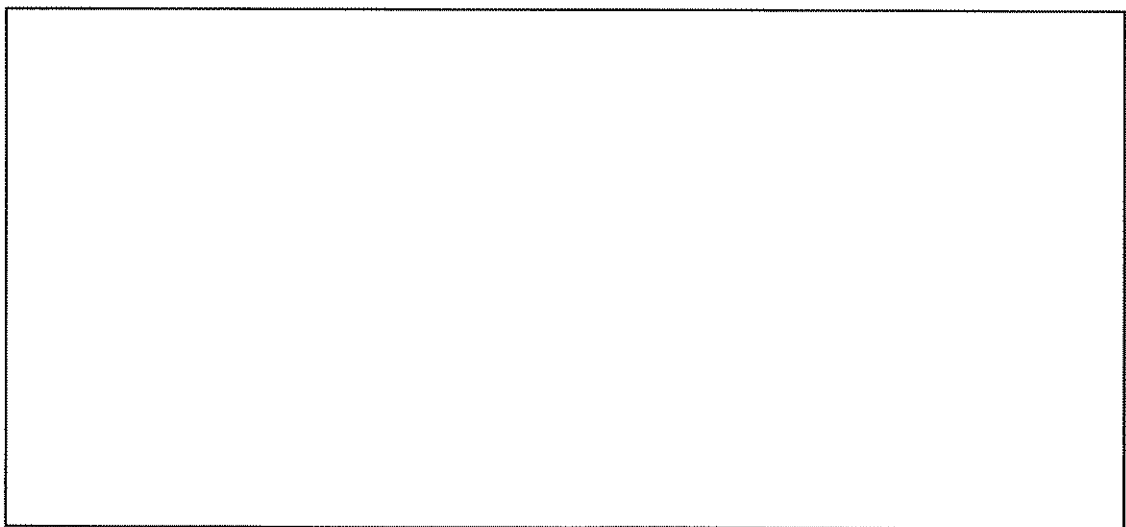


18.



Happy Department Store holds its annual lucky draw. There are 473 tickets in box B. The number of tickets in Box B is 156 less than those in box A. The number of tickets in box C is 226 more than those in box A. The number of tickets in box C is \_\_\_\_\_.

19. Tom spent 335 minutes using the computer last week. He spent 175 minutes on searching data, 38 minutes on checking email and the rest on computer games. How many minutes did he spend on computer games last week? (Show your working)



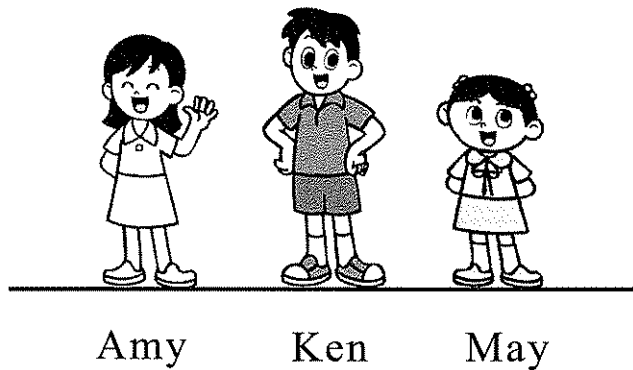
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20. In the 'Sports Star' election, Cindy gets 258 votes. Peter gets 14 votes more than twice that of Cindy. How many votes does Peter get?  
(Show your working)

21.



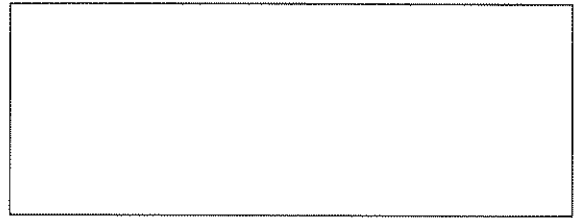
Amy is \* taller / shorter than Ken (\*circle the answer);

Ken is \* taller / shorter than May (\*circle the answer).

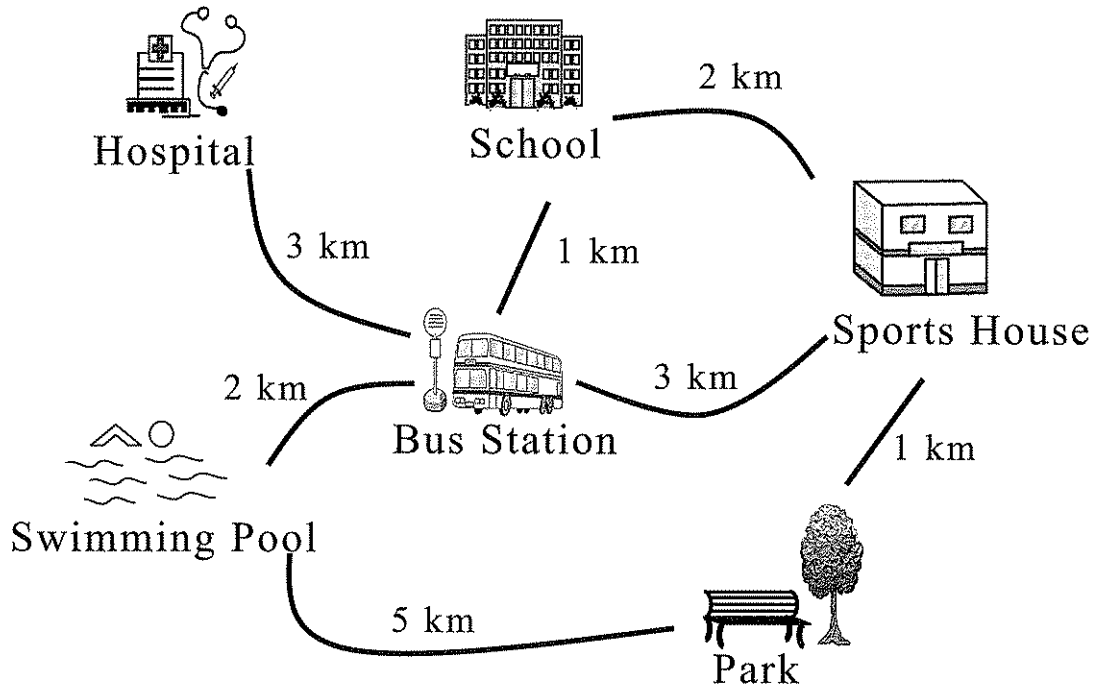
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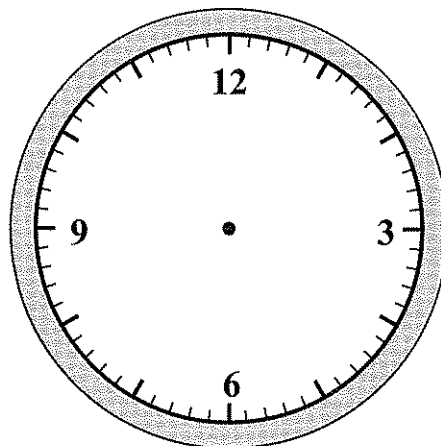


22. Read the figure and answer the questions.



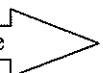
- (a) The shortest way from Swimming Pool to Sports House is \_\_\_\_\_ km long.
- (b) The place nearest to Bus Station is \_\_\_\_\_.

23. School day ends at 25 minutes past 3. Draw the hour hand and the minute hand on the clock to show this time.



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24. The bus timetable from Tai O to Mui Wo is shown below:

Bus timetable Tai O → Mui Wo
18:35
19:35
20:30
21:25
22:30
23:20
00:20

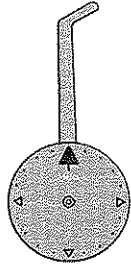
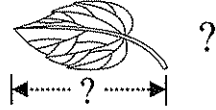
- (a) The last bus leaves Tai O at \_\_\_\_\_ minutes past \_\_\_\_\_ in the \* morning / afternoon (\*circle the answer).
- (b) The buses at 19:35 and at 20:30 are \_\_\_\_\_ minutes apart.
- (c) At 7 o'clock at night, Tommy takes a bus from Tai O to Mui Wo. When is the first bus that he can take?

Answer: The first bus for Tommy is  
at \_\_\_\_\_ : \_\_\_\_\_ .

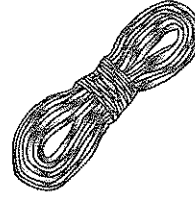
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25. Which is best suited to measure the length of a leaf ?



A. Trundle wheel



B. Rope

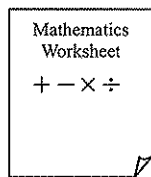


C. Tape measure

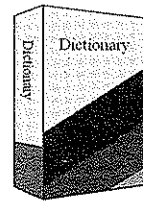


D. Ruler

26. Which of the following is the lightest?



A. a worksheet



B. a dictionary



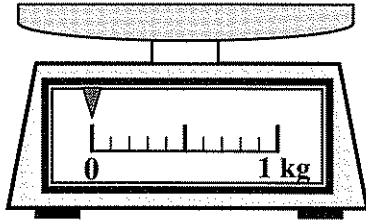
C. a wooden ruler



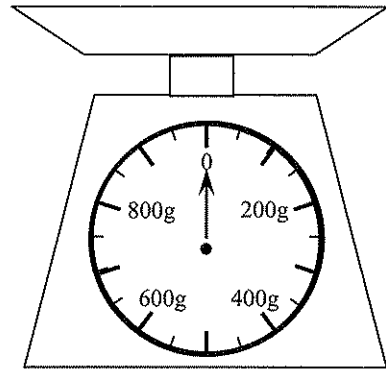
D. a piece of cake

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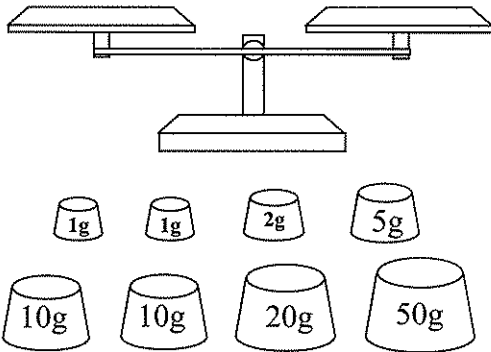
27. Which scale is most suitable to weigh a letter?



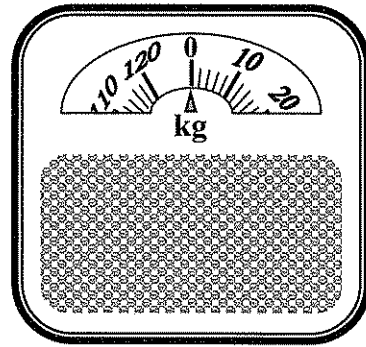
A.



B.



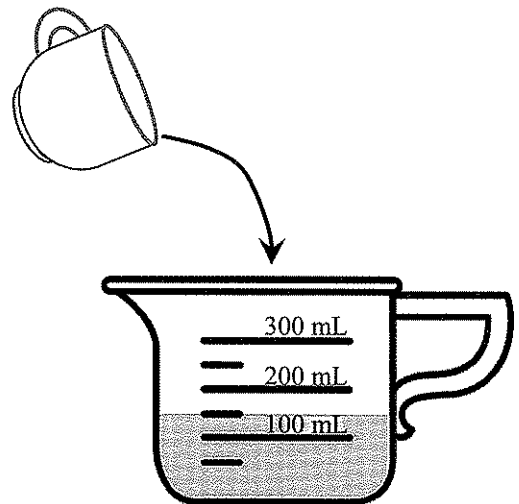
C.



D.

28.

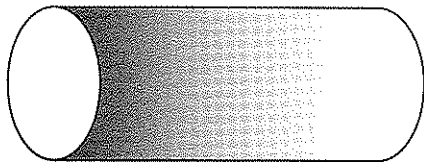
A small cup is filled up with water. The water is poured into the measuring cup in the figure. The capacity of the small cup is \_\_\_\_\_ mL.



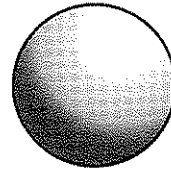
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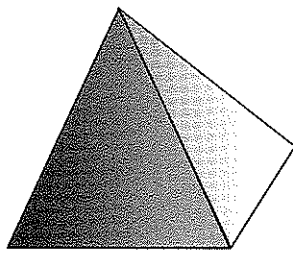
29. Name the following 3-D shapes.



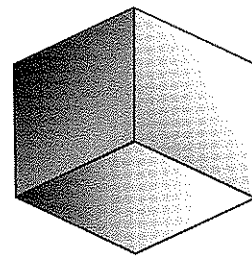
(a) Answer: \_\_\_\_\_



(b) Answer: \_\_\_\_\_

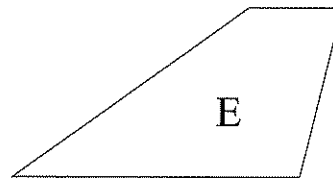
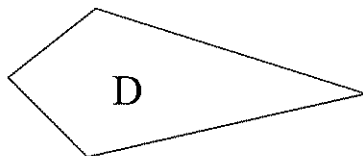
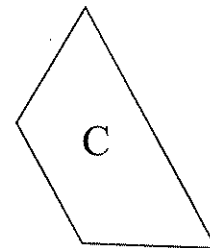
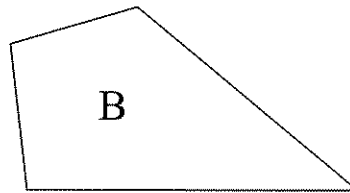
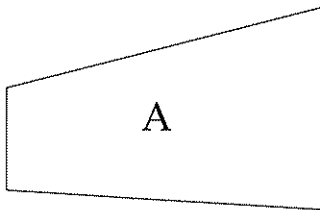


(c) Answer: \_\_\_\_\_



(d) Answer: \_\_\_\_\_

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



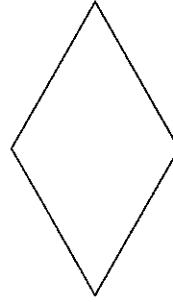
List all the trapezium(s): \_\_\_\_\_

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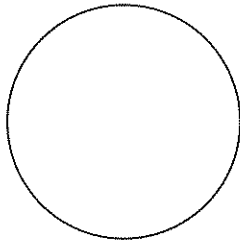
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31. Name the following 2-D shapes.

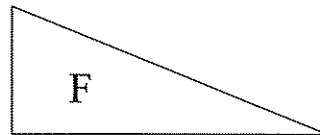
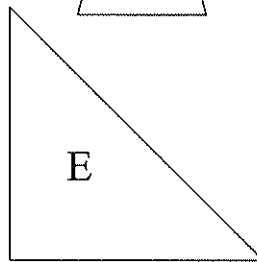
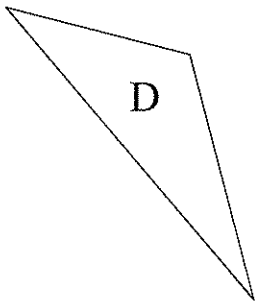
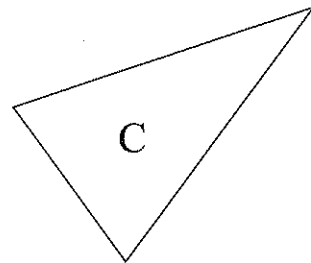
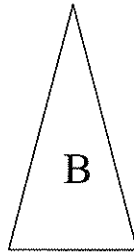
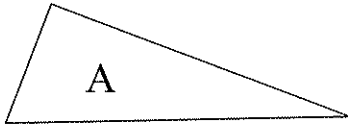


(a) Answer: \_\_\_\_\_ (b) Answer: \_\_\_\_\_



(c) Answer: \_\_\_\_\_

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



(a) Find three isosceles triangles: \_\_\_\_\_

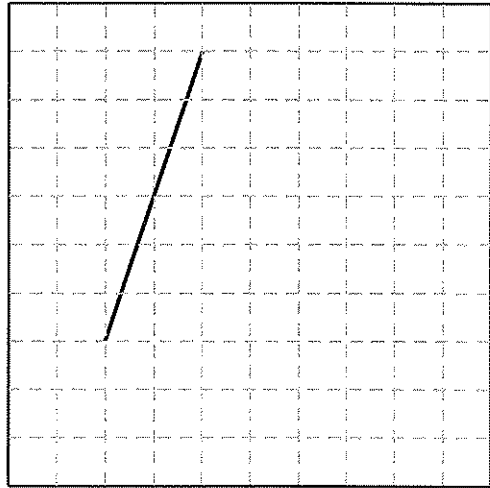
(b) Find three right-angled triangles: \_\_\_\_\_

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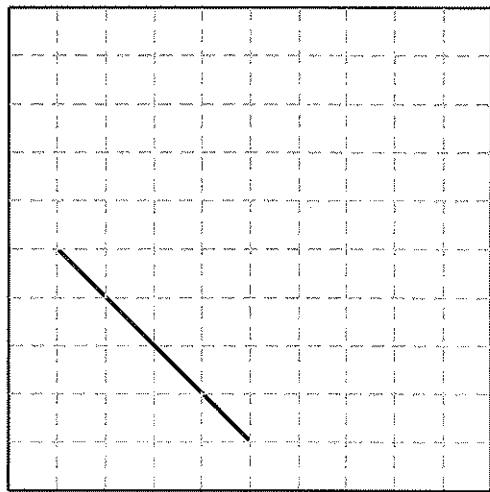
33. Draw a straight line parallel to the straight line in Figure 1.

Figure 1



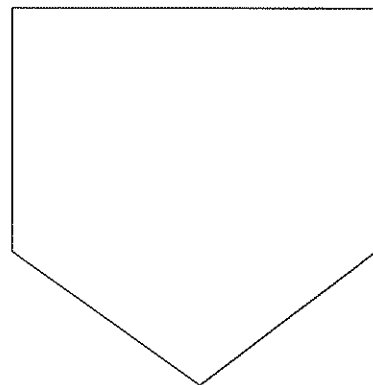
Draw a straight line perpendicular to the straight line in Figure 2.

Figure 2



34. How many right angles are there in the figure?

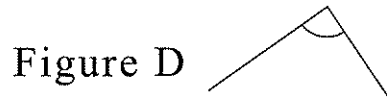
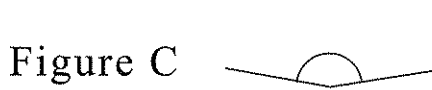
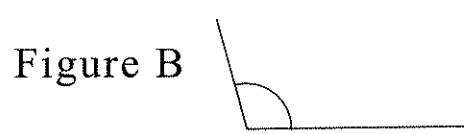
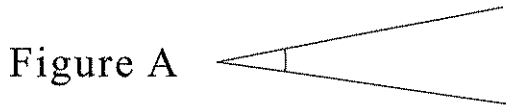
Answer: There are \_\_\_\_\_ right angles in the figure.



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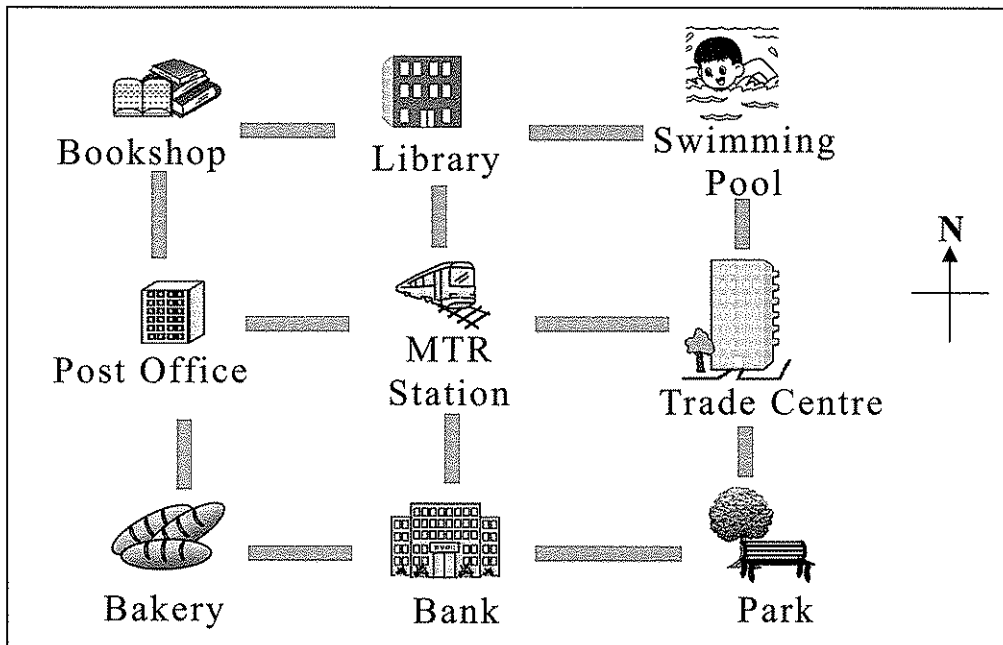
35. Write down the letter(s) for the answers.



The angle in Figure \_\_\_\_\_ is the largest.

The angle in Figure \_\_\_\_\_ is the smallest.

36. Study the figure and answer the following questions.



(a) The Swimming Pool is to the \_\_\_\_\_ of Bookshop.

(b) The MTR Station is to the south of \_\_\_\_\_.

(c) Mr. Cheung is going from the Trade Centre to the Bank. He first goes \_\_\_\_\_, passes the \_\_\_\_\_, (direction) and then goes \_\_\_\_\_ to reach the Bank. (direction)

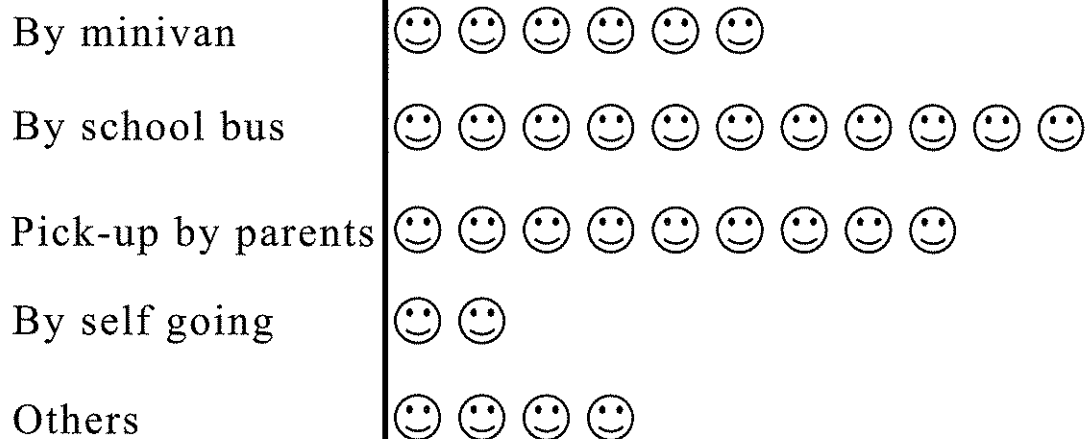
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37. The teacher has done a survey on how P.3C pupils go home after school. The results are as follows:

### Ways of Going Home for P.3C Pupils

Each ☺ represents 1 pupil



- (a) The most popular way of going home is \_\_\_\_\_, that is \_\_\_\_\_ more pupils than those who take the minivan.
- (b) For those pupils who are picked up by parents,  $\frac{2}{3}$  of them will take the bus home. \_\_\_\_\_ pupils who are picked up by parents will take the bus home.
- (c) The total number of pupils in P.3C is \_\_\_\_\_.

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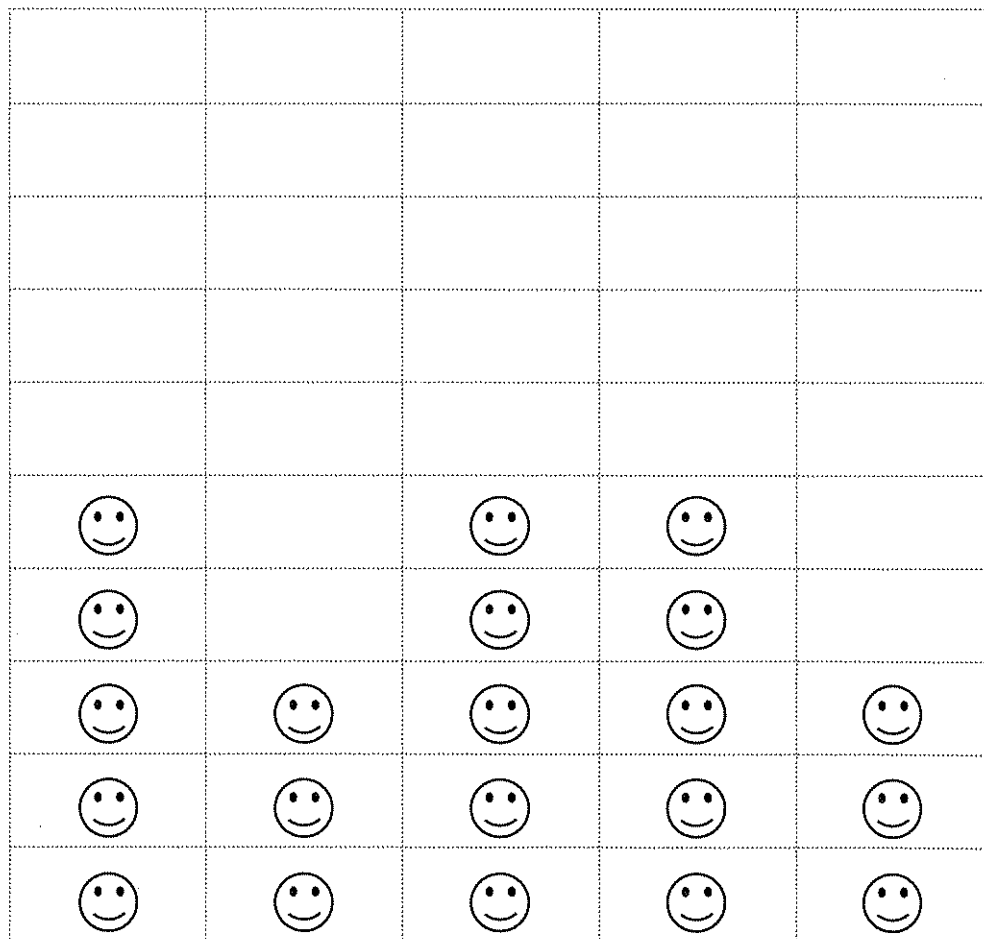
38. Peter has done a survey on the favourite insects of his classmates.

Types of Insects	Butterfly	Bee	Beetle	Dragonfly	Firefly
No. of pupils	7	3	5	9	3

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

(Title)

Each  represents 1 pupil



Butterfly

Bee

Beetle

Dragonfly

Firefly

— END OF PAPER —

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2009-TSA-MATH-3ME1-20