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Please stick the barcode label in the box

Education Bureau
Territory-wide System Assessment 2012
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 spaces 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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↑
此格只許填寫一個大楷英文字母
Write one **capital letter** in this box

1. In the number 29 581, the digit '1' is in the _____ place.
2. Write 'ten thousand and thirty' in numerals.
Answer: _____
3. $123 + 698 =$ _____
4. $422 - 282 - 30 =$ _____
5. $172 \times 8 =$
 - ☐ A. 1 366
 - ☐ B. 1 376
 - ☐ C. 8 566
 - ☐ D. 8 576
6. $6 \times 125 \times 4 =$ _____
7. $814 \div 6 =$ _____
8. $900 - 120 \times 7 =$ _____

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Please do not write in the margin.

9. Mary bought a book of 212 pages. She read 87 pages yesterday and 103 pages today.

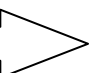
How many pages are not read?

Answer: _____ pages are not read.

10. In a diving competition, Kenny gets 155 points. Paul gets 18 points more than Kenny. John gets 25 points less than Paul. How many points does John get?

(Show your working)

Please do not write in the margin.



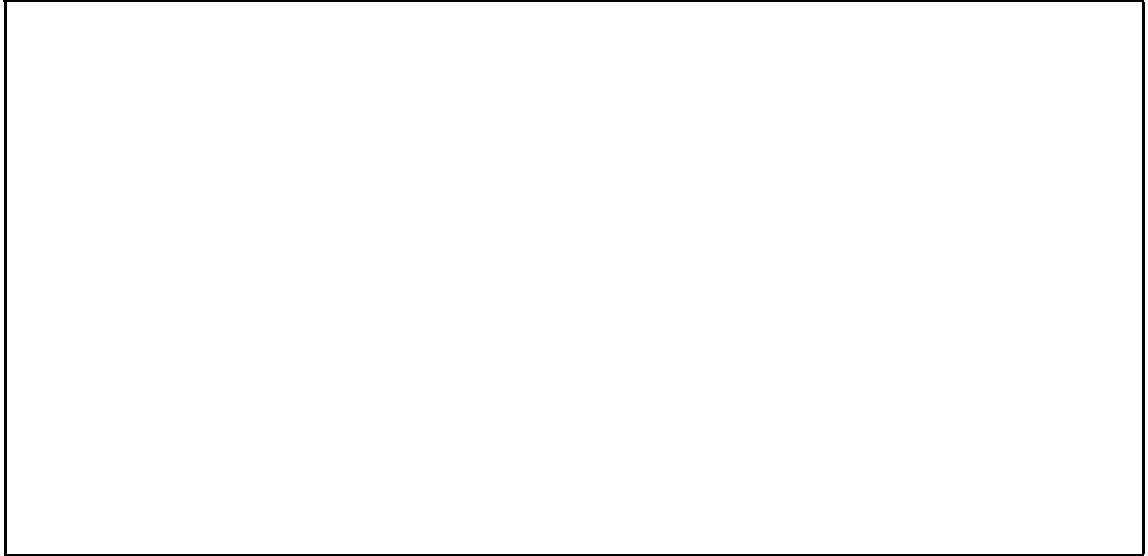
11.

Happy Chinese New Year

Each banner has 4 words. Peter writes 127 banners.

How many words does Peter write?

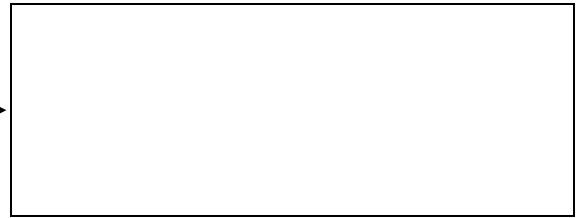
(Show your working)



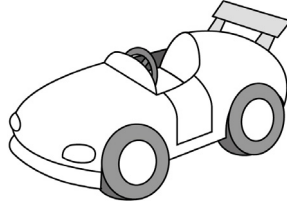
12. There are 124 cans of soft drink. John puts every 4 cans in a pack. He can make _____ packs of soft drink altogether.

13. Kay pays with a 100-dollar note to buy a doll for 79 dollars and 50 cents. She gets change of _____ dollars and _____ cents.

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14.



\$67.90

- (a) A toy car costs _____ dollars and _____ cents.
- (b) Gary has 50 dollars. He wants to buy the toy car.
How much more does he need?
Circle the extra amount he needs.



15. (a) $\frac{6}{7}$ is * smaller than / equal to / larger than 1.
(*Circle the answer)

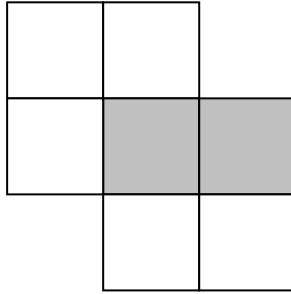
- (b) Fill in the box with a suitable number.

$\frac{3}{7}$ is larger than $\frac{3}{\square}$.

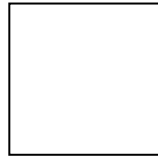
Please do not write in the margin.

Please do not write in the margin.

16. In the following figure, what fraction of the whole is shaded?



Answer:



of the whole is shaded.

17. Macy, Paul and John went home after school.

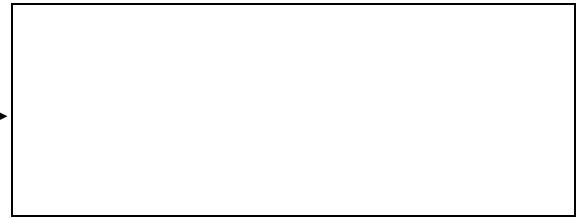
Macy walked $\frac{1}{4}$ kilometre, Paul walked $\frac{1}{3}$ kilometre
and John walked $\frac{1}{5}$ kilometre.

Who walked the longest distance?

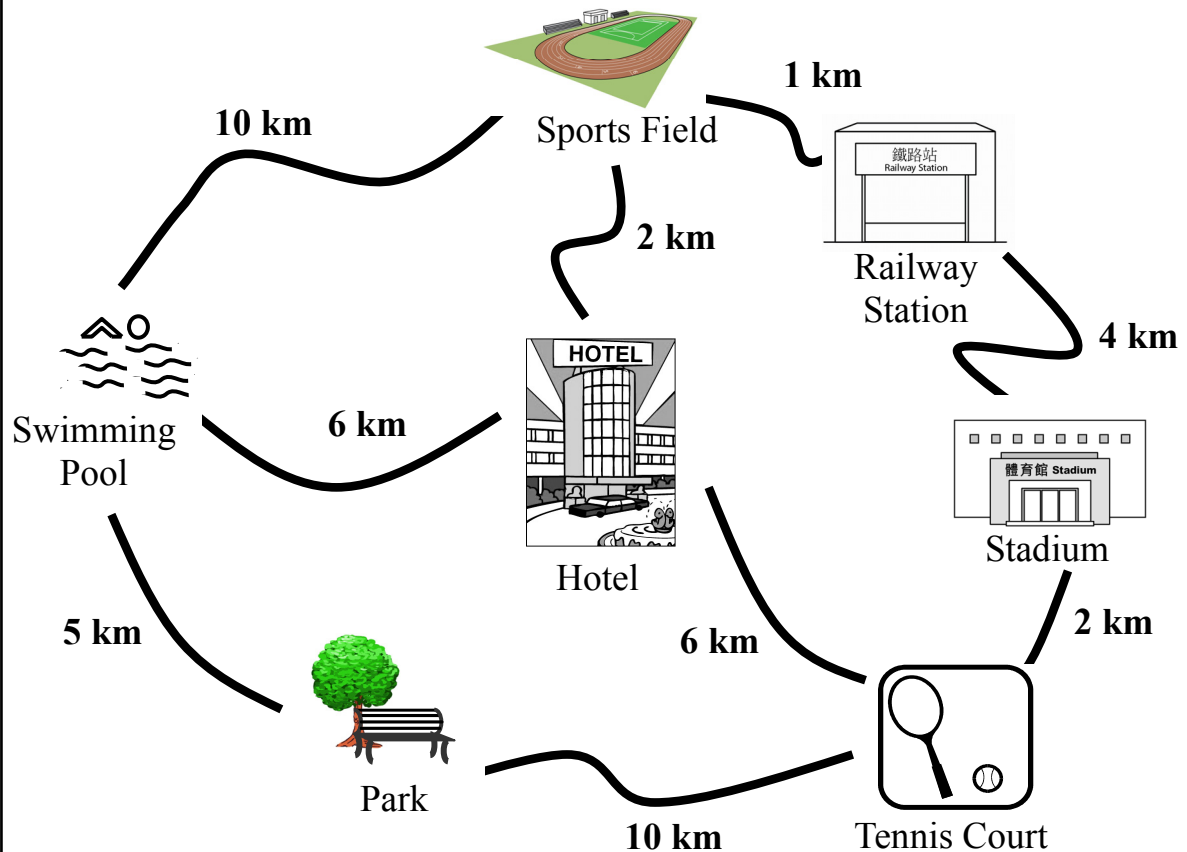
Answer: * Macy / Paul / John walked the longest
distance.

(*Circle the answer)

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18. Study the following diagram and answer the questions below.



- (a) The shortest distance from Swimming Pool to Tennis Court is _____ km.
- (b) John walks 3 km only from Railway Station to Hotel passing _____ .

Please do not write in the margin.

Please do not write in the margin.

19. Fill in the blanks according to the calendar of July below.

July						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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) The graduation ceremony is held on the 12th of July.

That day is _____ .
(day of a week)

(b) Jacky joins a swimming class starting on the 13th of July. The swimming lessons are held on Tuesdays and Fridays. Jacky has swimming lessons on _____ days altogether in July.

(c) The swimming lessons are held from 9:00 a.m. to 10:30 a.m. Each lesson lasts for _____ hour(s) and _____ minute(s).

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20. The following table shows the starting times of the ‘Magic Show’ in a theme park.

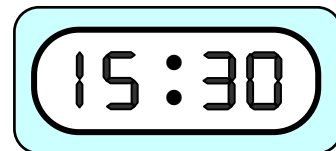
	Starting Time
First Show	13:15
Second Show	15:20

- (a) The first magic show starts at _____ minute(s)

* past / to _____ in the * morning / afternoon.

(*Circle the answer)

- (b) Peter arrives at the theme park at



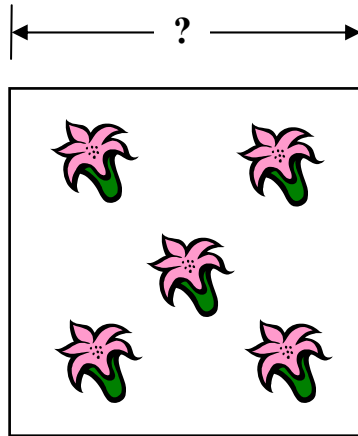
in the afternoon. He is _____ minute(s) late

for the second show.

Please do not write in the margin.

Please do not write in the margin.

21. Mary has a sticker.



(a) This sticker is in the shape of a
* trapezium / square / triangle .

(*Circle the answer)

(b) The length of the sticker is _____ mm.

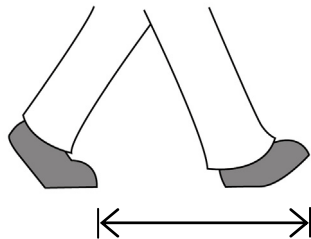
22. Mary runs around the sports ground for one lap. Which of the following is most suitable for measuring the length of one lap?



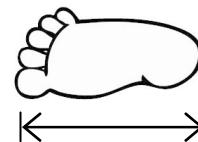
☐ A. arm length



☐ B. finger width

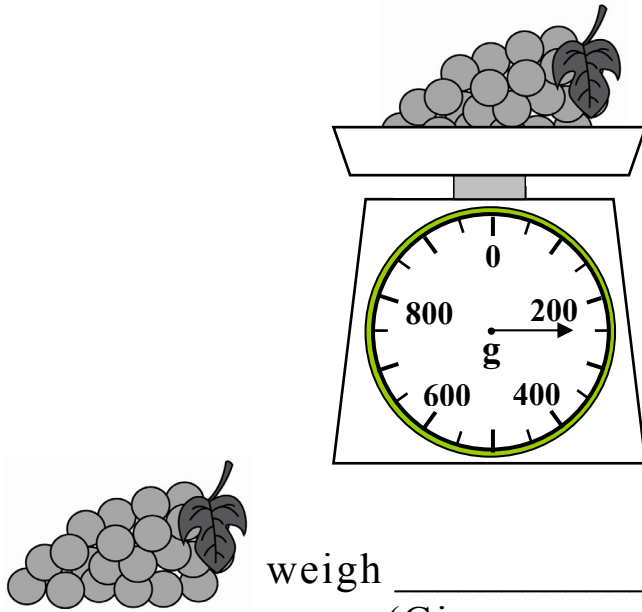


☐ C. stride length

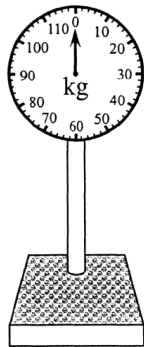
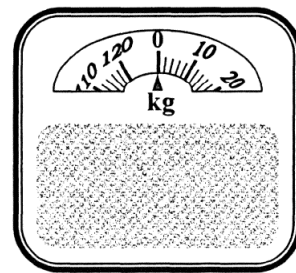


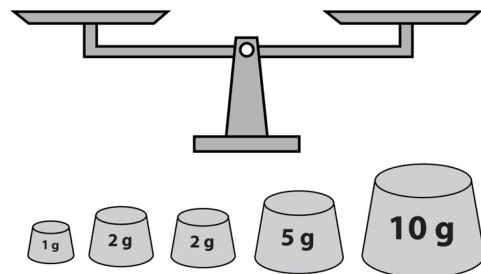
☐ D. foot span

23.



24. Which of the following is most suitable for measuring the weight of a 5-dollar coin?


☐ A.

☐ B.

☐ C.

☐ D.

25. Fill in the following blanks with suitable units.

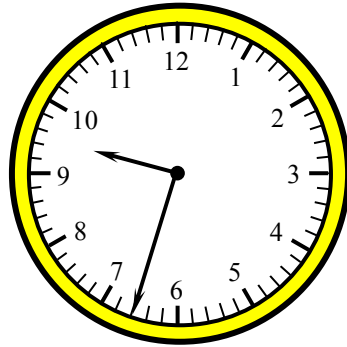
(a) The length of the jogging trail in a park is about 200 _____ .

(b) The length of a knife is about 20 _____ .

(c) A ping-pong ball weighs about 3 _____ .

26. The General Studies test

starts at



in the morning.

(a) The test starts at _____ : _____

* a.m. / p.m. (*Circle the answer)

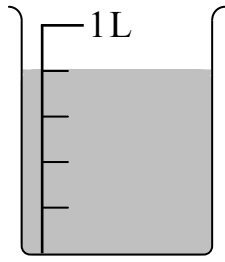
(b) The time allowed for the test is 40 minutes.

The test ends at _____ minute(s)

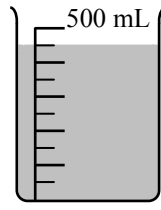
* past / to _____ in the

* morning / afternoon. (*Circle the answer)

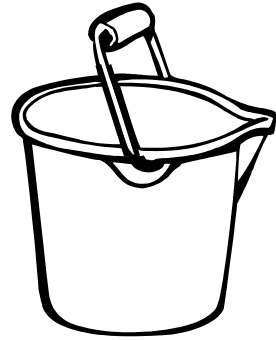
27.



and



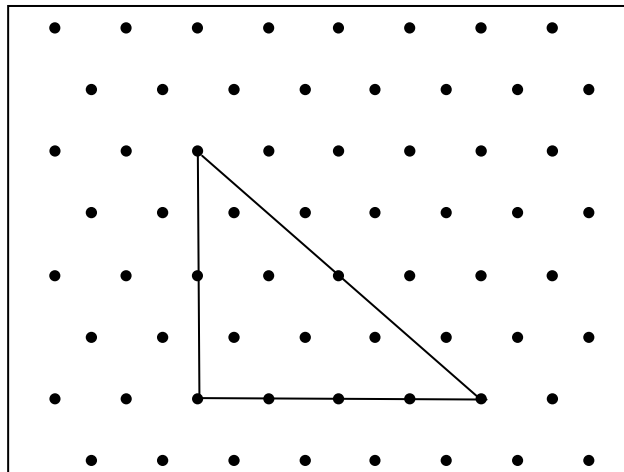
just fill up



The capacity of  is

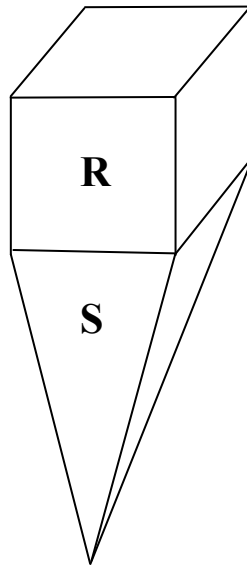
- ☐ A. 850 mL.
- ☐ B. 1250 mL.
- ☐ C. 1500 mL.
- ☐ D. 1700 mL.

28. Peter uses a rubber band to make a triangle on the pin-board.



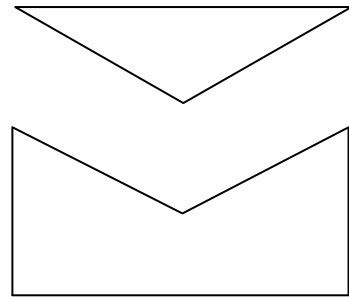
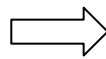
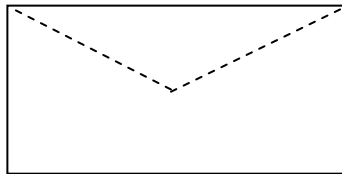
This is * an equilateral / a right-angled / an isosceles triangle. (* Circle the answer)

29. **R** and **S** are two 3-D shapes. What is **S**?



- ☐ A. Prism
- ☐ B. Pyramid
- ☐ C. Cylinder
- ☐ D. Cone

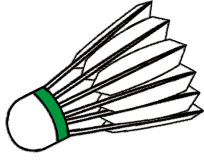
30.



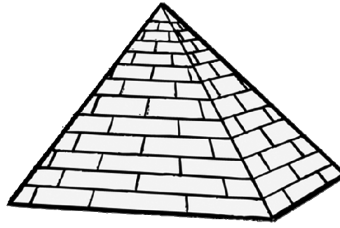
By cutting along the dotted line in the rectangle above, you can get

* an equilateral / a right-angled / an isosceles triangle. (* Circle the answer)

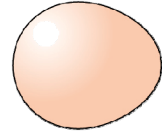
31. Follow the instructions. Write down all the letters for the answers.



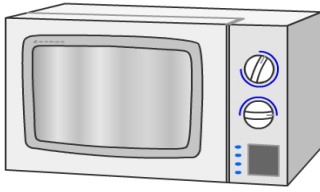
A



B



C



D



E



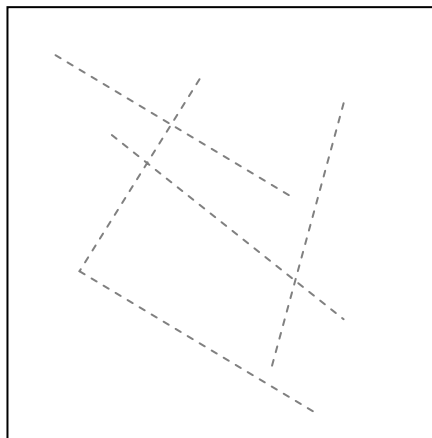
F

List:

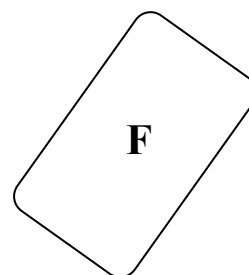
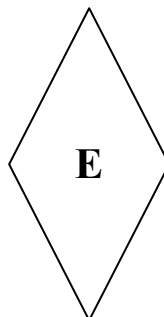
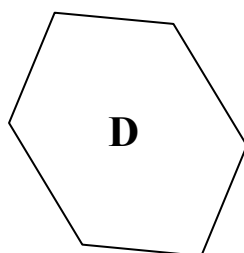
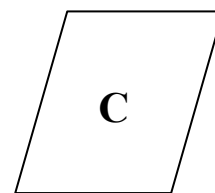
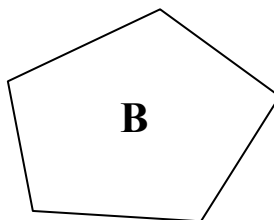
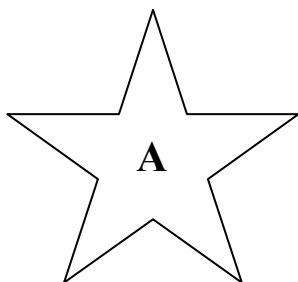
(a) Sphere(s): _____

(b) Pyramid(s): _____

32. In the figure below, draw along the dotted lines to show a pair of parallel lines.



33. Study the 2-D shapes below. Write down all the letters for the answers.

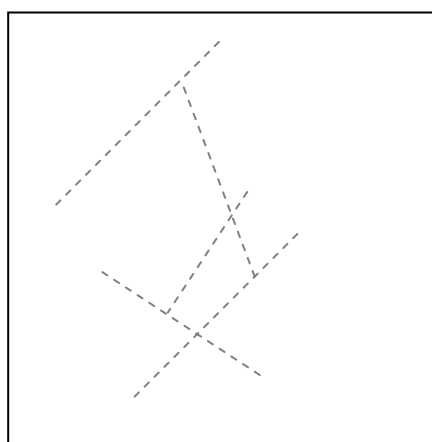


List:

(a) Pentagon (s): _____

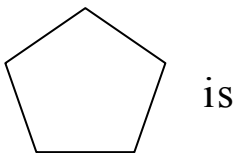
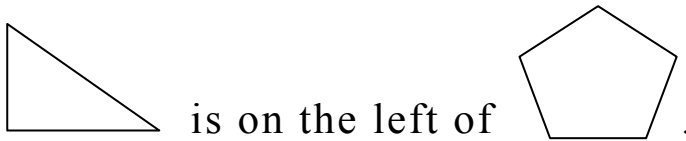
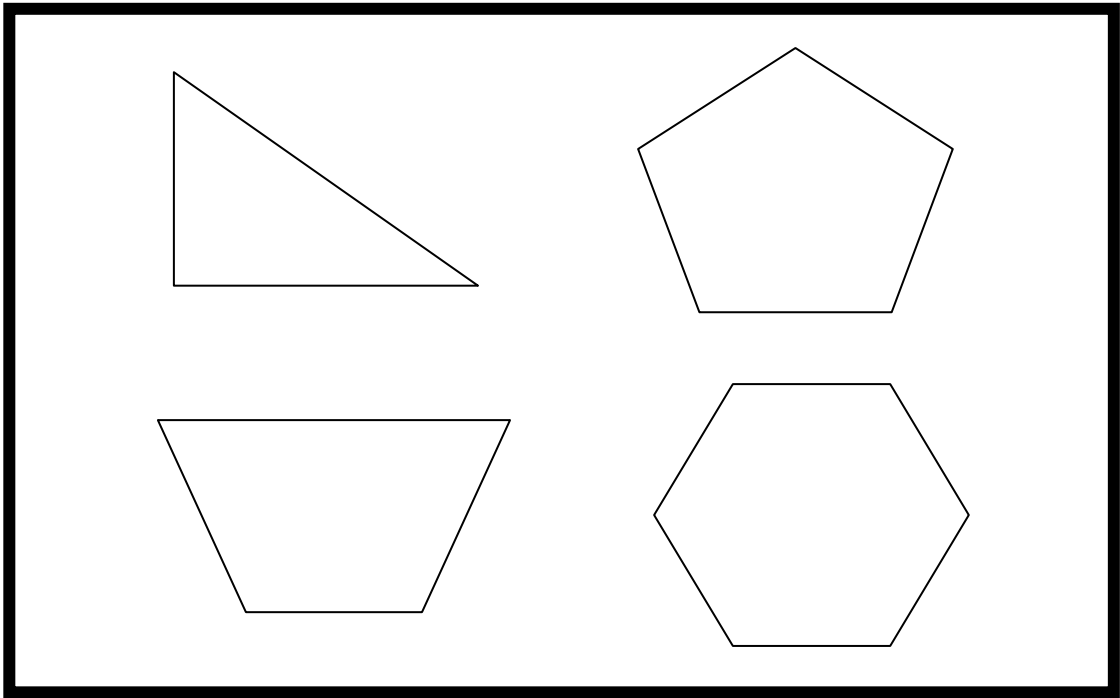
(b) Rhombus(es): _____

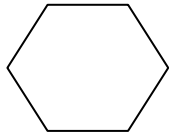
34. In the figure below, draw along the dotted lines to show a pair of perpendicular lines.



Please do not write in the margin.

35. A teacher puts four 2-D shapes on the board.



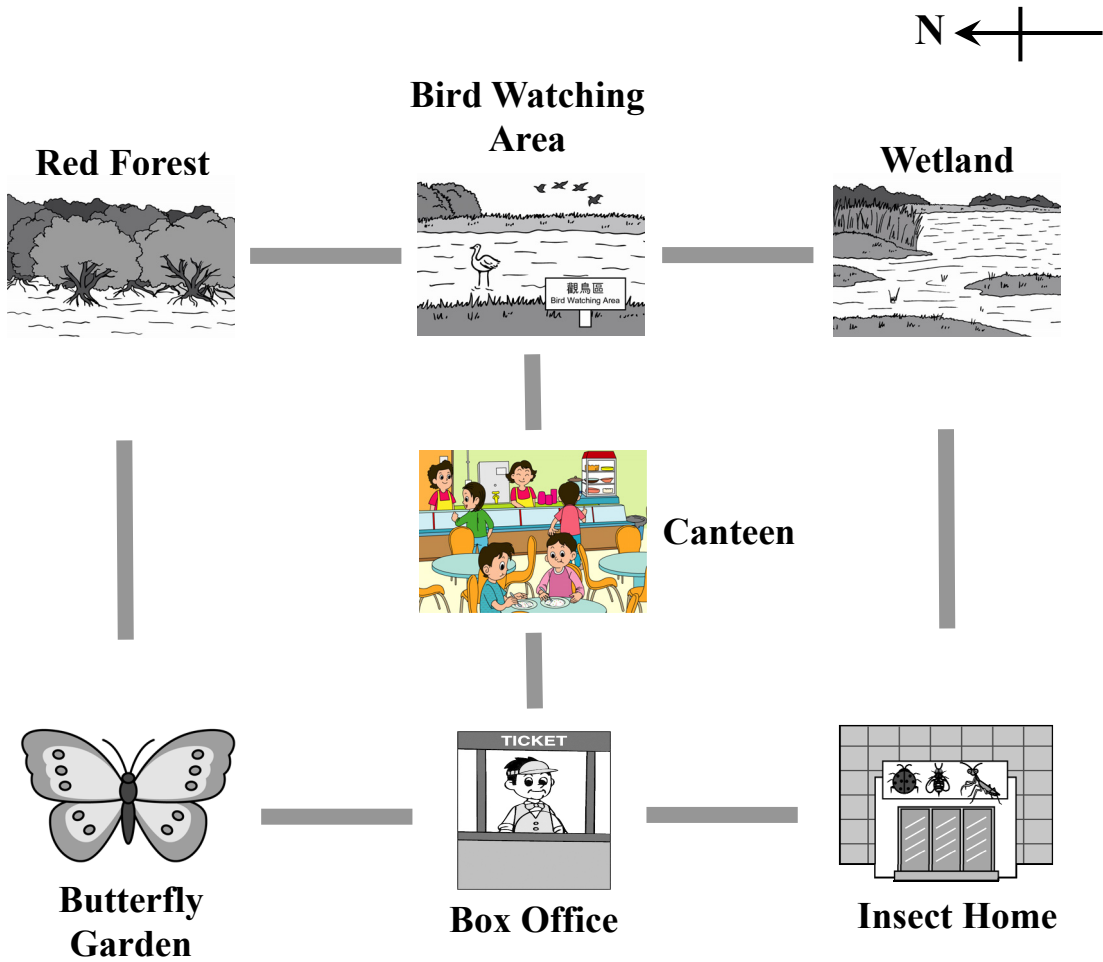
* on the left / on the right / above / under  .

(*Circle the answer)

Please do not write in the margin.

Please do not write in the margin.

36. The map of Environmental Protection Park is shown below.




Please do not write in the margin.

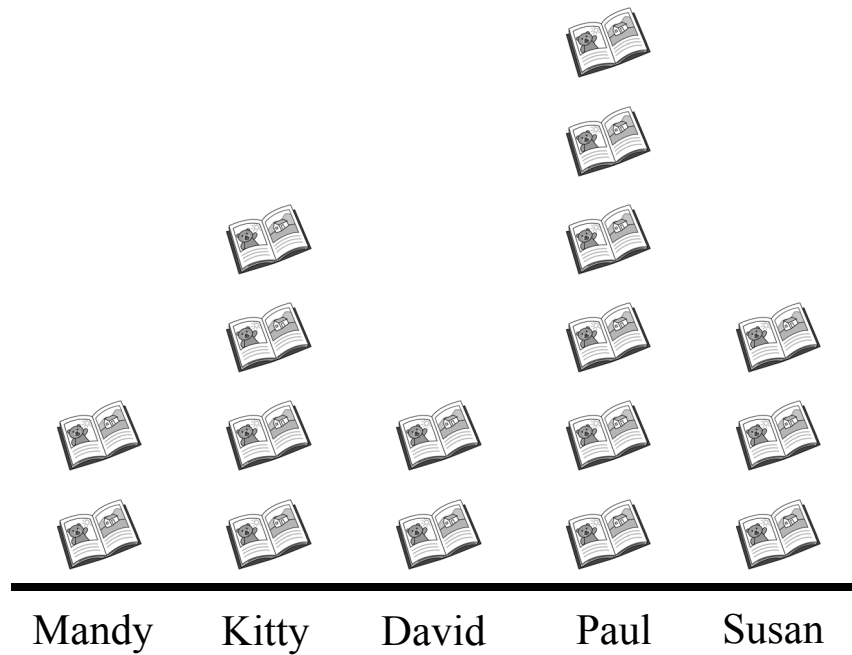
(a) Insect Home is to the _____ of Box Office.
(direction)

(b) Peter starts from Canteen. He goes _____ to
(direction)
Bird Watching Area and then turns north to
reach _____ .

37. The following pictogram shows the number of books read by five pupils.

Number of Books Read by Five Pupils

Each  stands for 1 book



- (a) The number of books read by Paul was _____ * more / less than that of Kitty.
(*Circle the answer)
- (b) Both _____ and _____ read the smallest number of books.
- (c) The total number of books read by the five pupils was _____ .

Please do not write in the margin.

38. Lily counted the number of estates joining the environmental protection activities.

(a) According to the record, complete the table below.

Environmental protection activity	No air-conditioning day	Recycling used paper	Donating old clothes	Lights out for one hour
Record		++++	++++	++++
Number of estates	2			

(b) According to the result, complete the following pictogram and give it a title.

(Title)

Each ○ stands for 1 estate

No air-conditioning day	○	○																	
Recycling used paper																			
Donating old clothes																			
Lights out for one hour																			

— END OF PAPER —

Please do not write in the margin.