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Please stick the barcode label in the box

Education Bureau
Territory-wide System Assessment 2014
Primary 3
Mathematics

Instructions:

1. Stick barcode labels on pages 1, 3, 5, 7 and 9 in the spaces provided.
2. There are 39 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 28 610, the digit '0' is in the
* units place / tens place / hundreds place /
thousands place / ten thousands place.
(*Circle the answer)
2. Write 'seventy-four thousand one hundred and forty-four'
in numerals.

Answer: _____

3.



Mr Wong uses the five number cards above to form three different 5-digit numbers and arrange them from the smallest to the largest. The second number is 42 087. Fill in the blanks with suitable numbers.

Answer: , 42 087 ,
(Smallest) (Largest)

4. $92 + 312 + 296 =$
- ☐ A. 590
- ☐ B. 690
- ☐ C. 700
- ☐ D. 1 528

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Please do not write in the margin.

5. $759 - 63 - 107 =$

- ☐ A. 22
- ☐ B. 589
- ☐ C. 591
- ☐ D. 689

6. $271 \times 6 =$ _____

7. $891 \div 8 =$

- ☐ A. 110...1
- ☐ B. 110...3
- ☐ C. 111
- ☐ D. 111...3

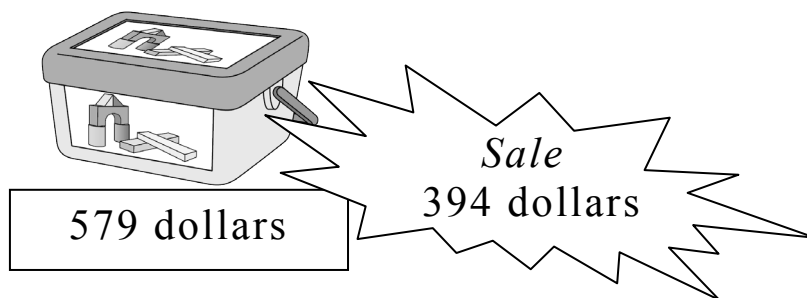
8. $401 - 81 \times 3 =$

- ☐ A. 158
- ☐ B. 168
- ☐ C. 258
- ☐ D. 960

9. A teacher buys some lanterns and windmills. There are 8 boxes of windmills. Each box contains 22 windmills. The number of lanterns is 342 more than that of windmills. There are _____ lanterns.

Please do not write in the margin.

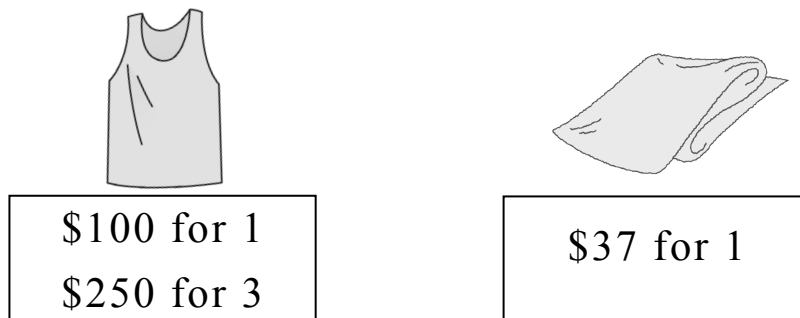
10.



The toy shop is having a sale.

- (a) A box of building blocks is _____ dollars cheaper.
- (b) Mandy buys 4 boxes of building blocks in the sale. She should pay _____ dollars.

11.



Mrs Wong buys 3 vests and 4 towels. At least how much does she need to pay?
(Show your working)

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12. There are 180 handbags in a shop. After selling half of the handbags, how many handbags are left?

- ☐ A. 36 handbags
☐ B. 90 handbags
☐ C. 360 handbags
☐ D. 900 handbags

13. The number of seats in an aeroplane is shown below.

Types of seats	First Class	Business Class	Economy Class
Number of seats	9	46	326

What is the total number of seats in the aeroplane?
(Show your working)

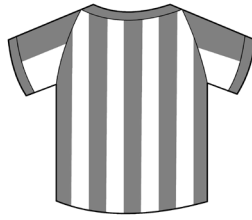
Please do not write in the margin.

Please do not write in the margin.

14. In a school talent show, 307 pupils attend the show. The number of pupils attending the show is 244 more than the number of parents attending the show. How many pupils and parents attend the show altogether?

Answer: The total number of pupils and parents attending the show is _____ .

15.



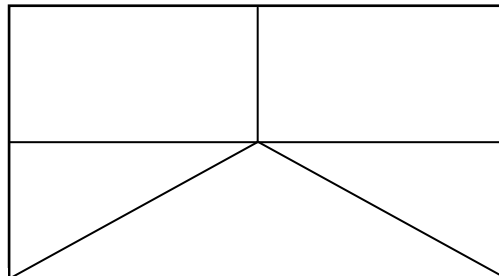
85 dollars 50 cents

Jenny has 68 dollars but wants to buy one

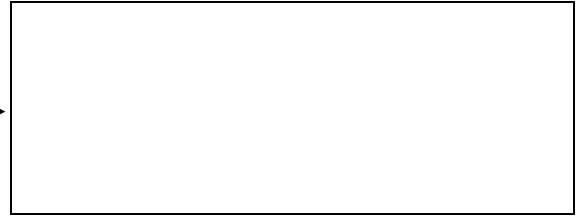


She needs _____ dollars and _____ cents more.

16. Use a pencil to shade $\frac{1}{4}$ of the whole diagram.

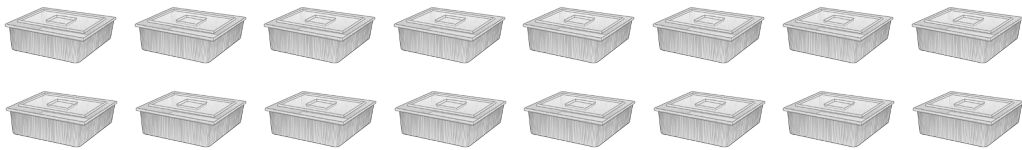


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17. There are 16 pupils in P.3B. At lunch, $\frac{3}{8}$ of the pupils choose Set A, 4 pupils choose Set B and the rest choose Set C.



- (a) _____ pupils choose Set A.

- (b) $\frac{\square}{\square}$ of the pupils choose Set C.

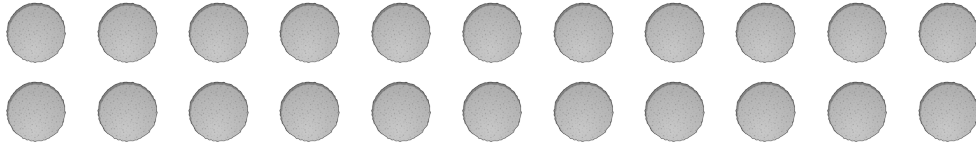
18. Fill in each box with a suitable number.

- (a) 1 is equal to $\frac{\square}{\square}$.

- (b) $\frac{2}{5}$ is larger than $\frac{\square}{\square}$.

Please do not write in the margin.

19. Mary has a box of cookies. $\frac{13}{22}$ of the whole box are almond cookies, $\frac{7}{22}$ of the whole box are chocolate cookies and the rest are hazelnut cookies.

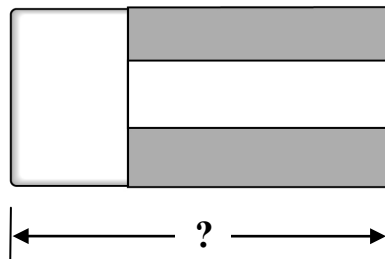


Most of the cookies are

* almond / chocolate / hazelnut cookies.

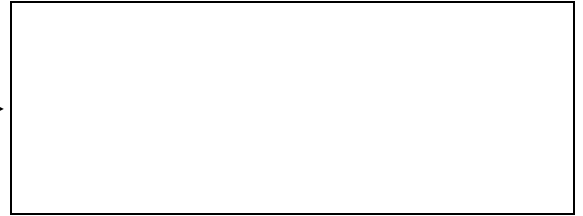
(*Circle the answer)

20. Use a ruler to measure the length of the rubber below.



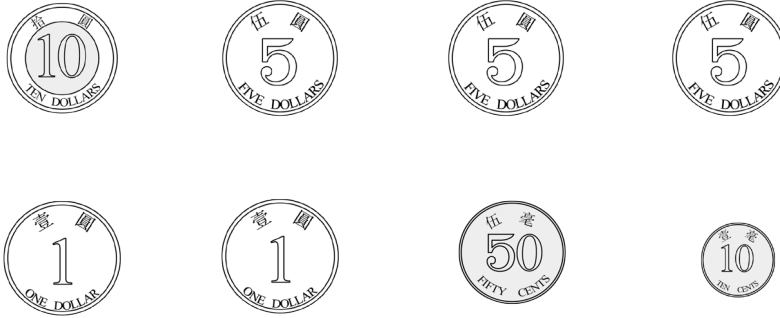
The length of the rubber is _____ cm.

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Please do not write in the margin.

21. Amy pays the following amount for the bus fare.



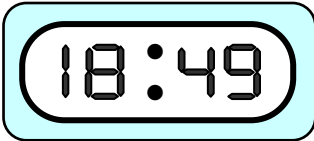
- (a) She uses _____ 5-dollar coin(s) to pay the fare.
- (b) She pays _____ dollar(s) and _____ cent(s) for the bus fare.

22. The following shows the opening hours of a swimming pool.

	Opening hours
1 st session	06 : 00 – 12 : 40
2 nd session	13 : 15 – 17 : 40
3 rd session	18 : 15 – 21 : 40

- (a) The 2nd session ends at _____ minute(s) to _____ in the * morning / afternoon.
(*Circle the answer)

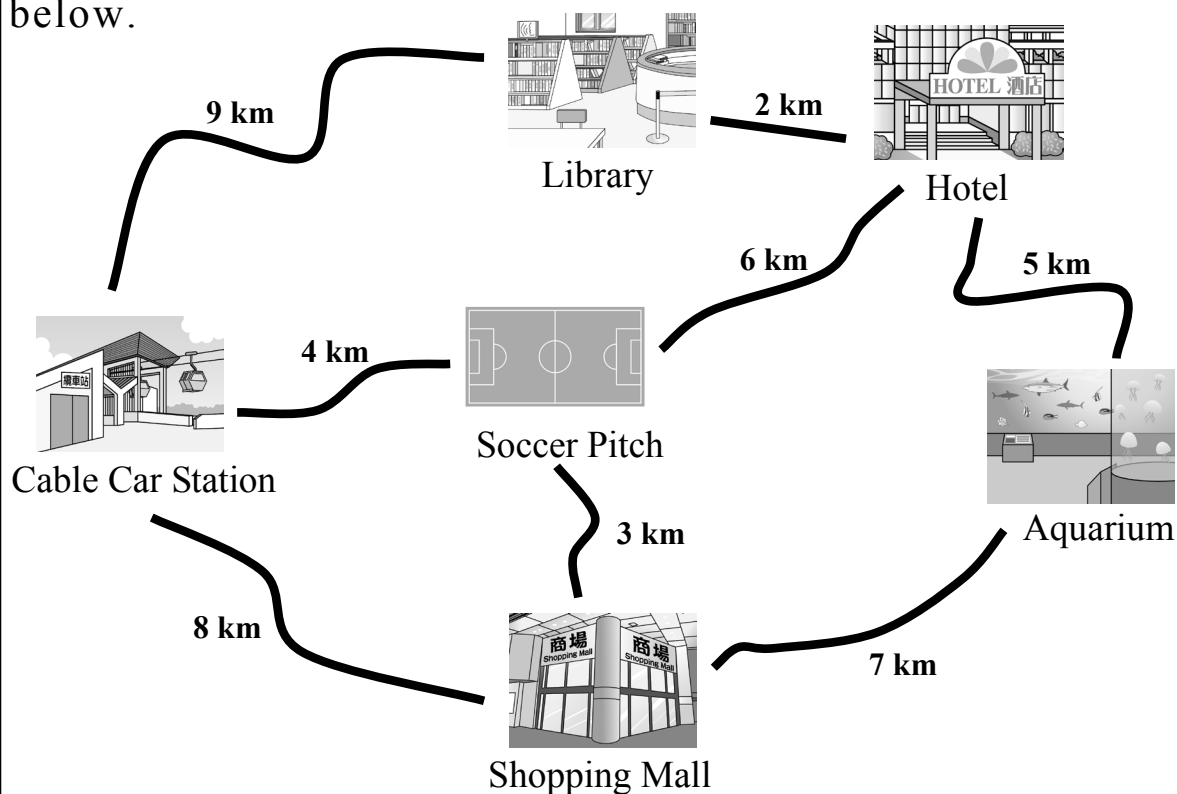
- (b) Betty arrives at the swimming pool

at  .

The 3rd session has started for _____ minute(s).

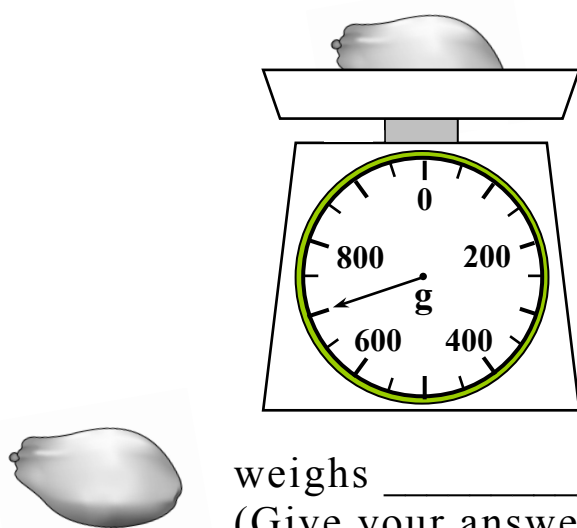
Please do not write in the margin.

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



- (a) Mr Chan drives 9 km only from Shopping Mall to Hotel passing _____.
- (b) The shortest route from Hotel to Cable Car Station is _____ km.

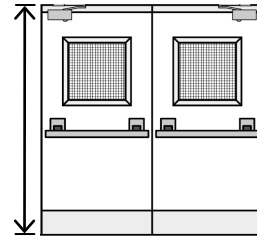
24.



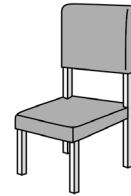
weighs _____.
(Give your answer with a unit)

Please do not write in the margin.

25. Which of the following is most suitable for measuring the height of the door of a school hall?



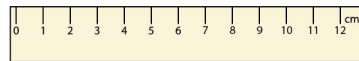
☐ A.



☐ B.

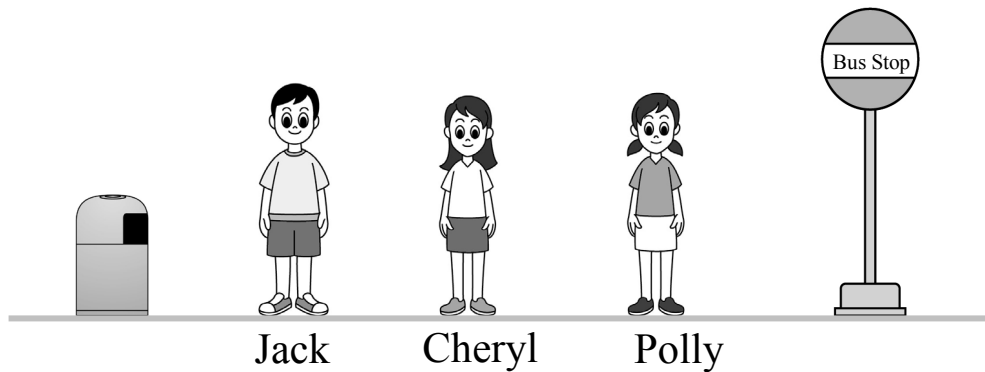


☐ C.



☐ D.

26. Three students are waiting for the bus at a bus stop.

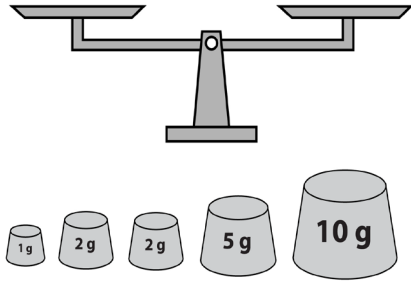
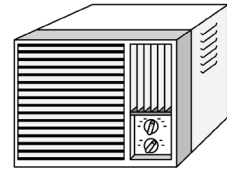


In the above figure, * Jack / Cheryl / Polly

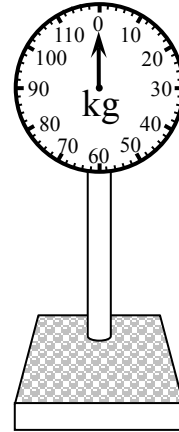
is nearest to  . (* Circle the answer)

Please do not write in the margin.

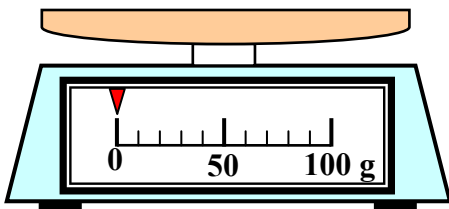
27. Which of the following tools is most suitable for measuring the weight of an air-conditioner ?



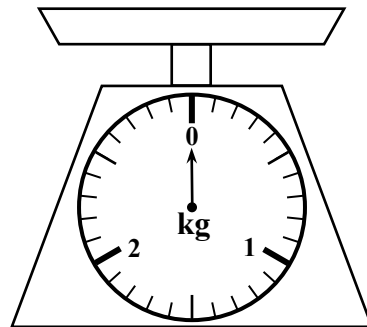
☐ A.



☐ B.



☐ C.



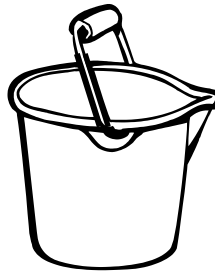
☐ D.

28. Fill in the following blanks with suitable units.

(a) The length of a minibus is about 6 _____ .

(b) The weight of a desk is about 5 _____ .

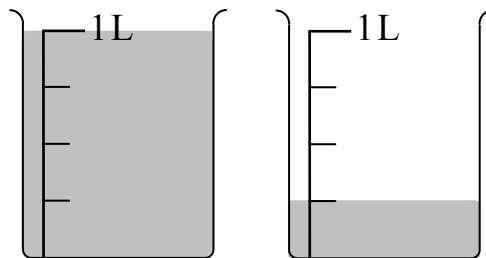
29.



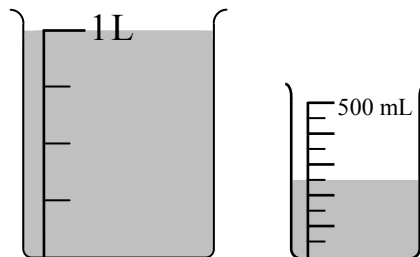
The capacity of is 1500 mL.

Which of the following can represent the capacity of the above container correctly?

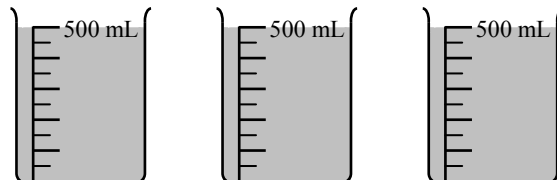
☐ A.



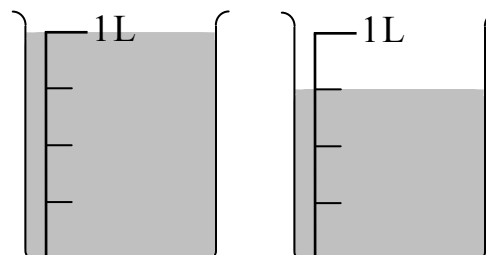
☐ B.



☐ C.



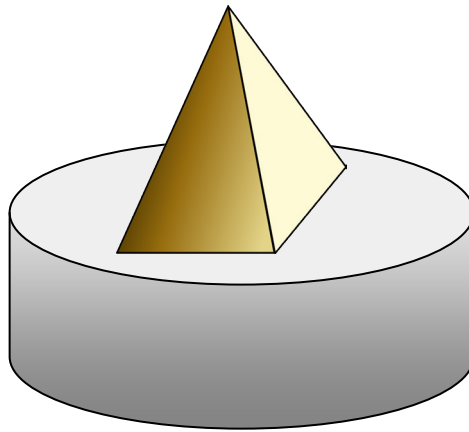
☐ D.



Please do not write in the margin.

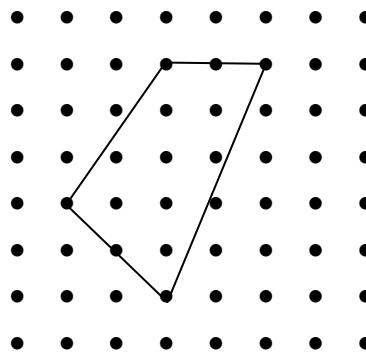
Please do not write in the margin.

30. The model below is made up of



- ☐ A. a prism and a pyramid.
- ☐ B. a prism and a cone.
- ☐ C. a cylinder and a cone.
- ☐ D. a cylinder and a pyramid.

31.

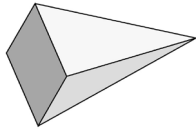


The figure above is a

- ☐ A. triangle.
- ☐ B. quadrilateral.
- ☐ C. trapezium.
- ☐ D. rectangle.

Please do not write in the margin.

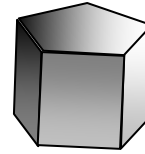
32. Study the following 3-D shapes. Write down all the letters for the answers.



A



B



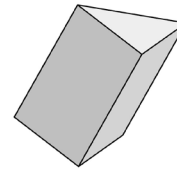
C



D



E



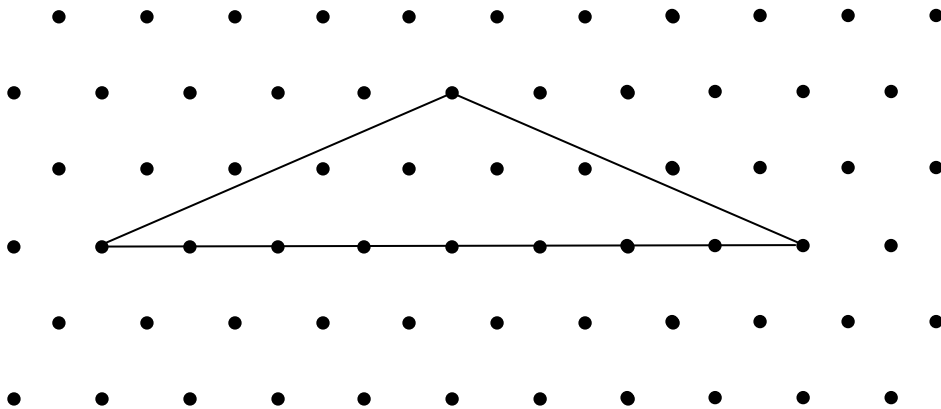
F

List:

(a) Cone(s) : _____

(b) Prism(s): _____

33.

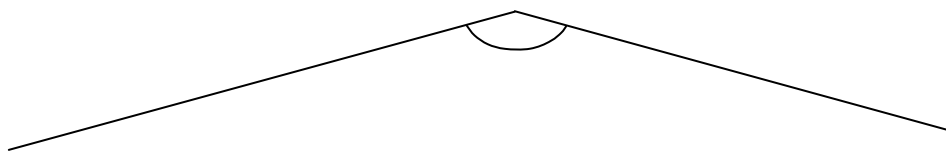


The figure above is

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

Please do not write in the margin.

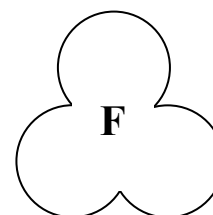
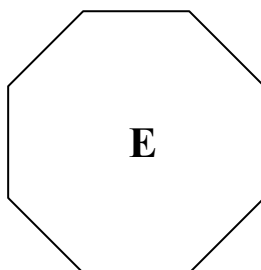
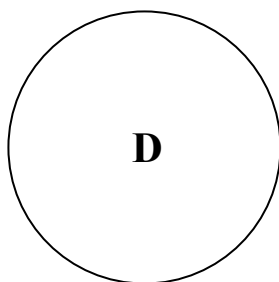
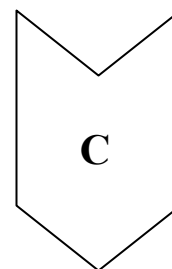
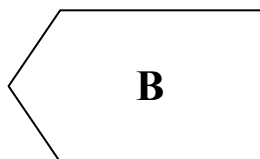
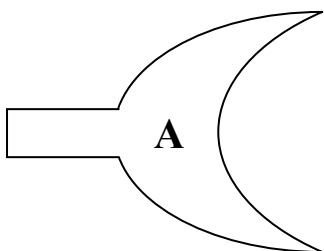
34.



The angle in the diagram above is

* larger than / equal to / smaller than
a right angle. (*Circle the answer)

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

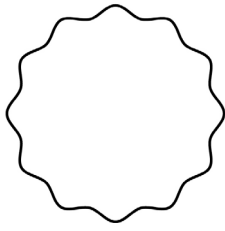
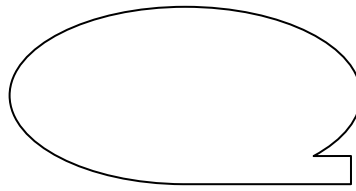
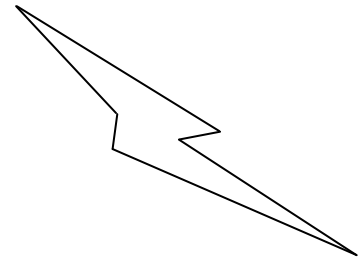
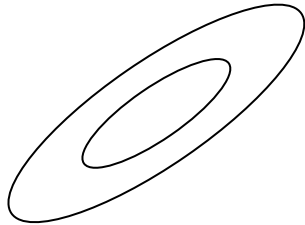
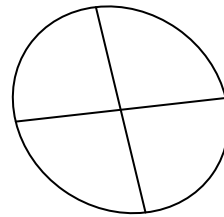


List:

(a) Hexagon(s): _____

(b) Circle(s): _____

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

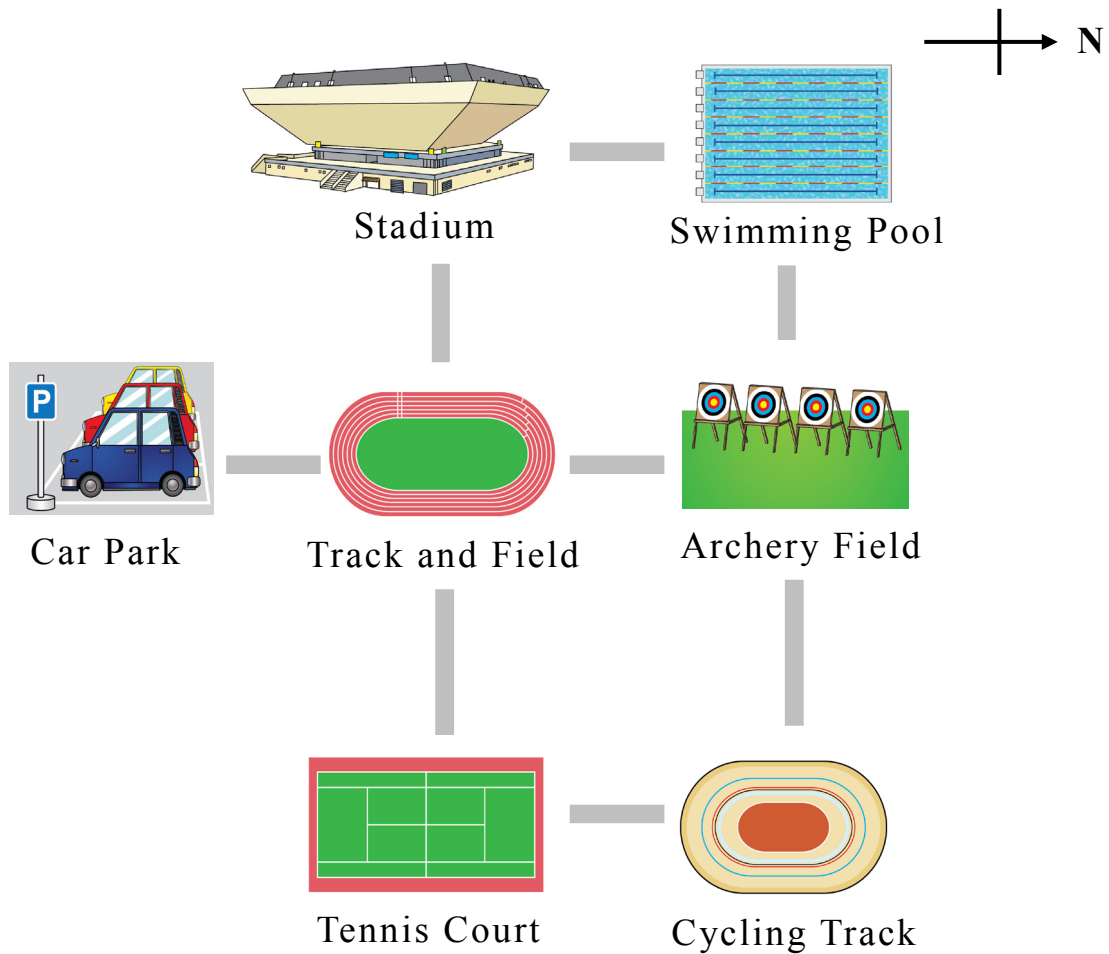
**A****B****C****D****E**

List:

(a) Figure(s) having straight lines only: _____

(b) Figure(s) having curves only: _____

37. The following is the map of Sports City.



- (a) Swimming Pool is to the _____ of Archery Field.
(direction)
- (b) _____ is to the north of Tennis Court.
- (c) Starting from Stadium, Paula goes _____
(direction)
to Track and Field. She then turns _____
(direction)
to reach Car Park.

Please do not write in the margin.

Please do not write in the margin.

Please do not write in the margin.

38. Mr Ma did a survey of the number of P.3 pupils ordering newspapers.

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

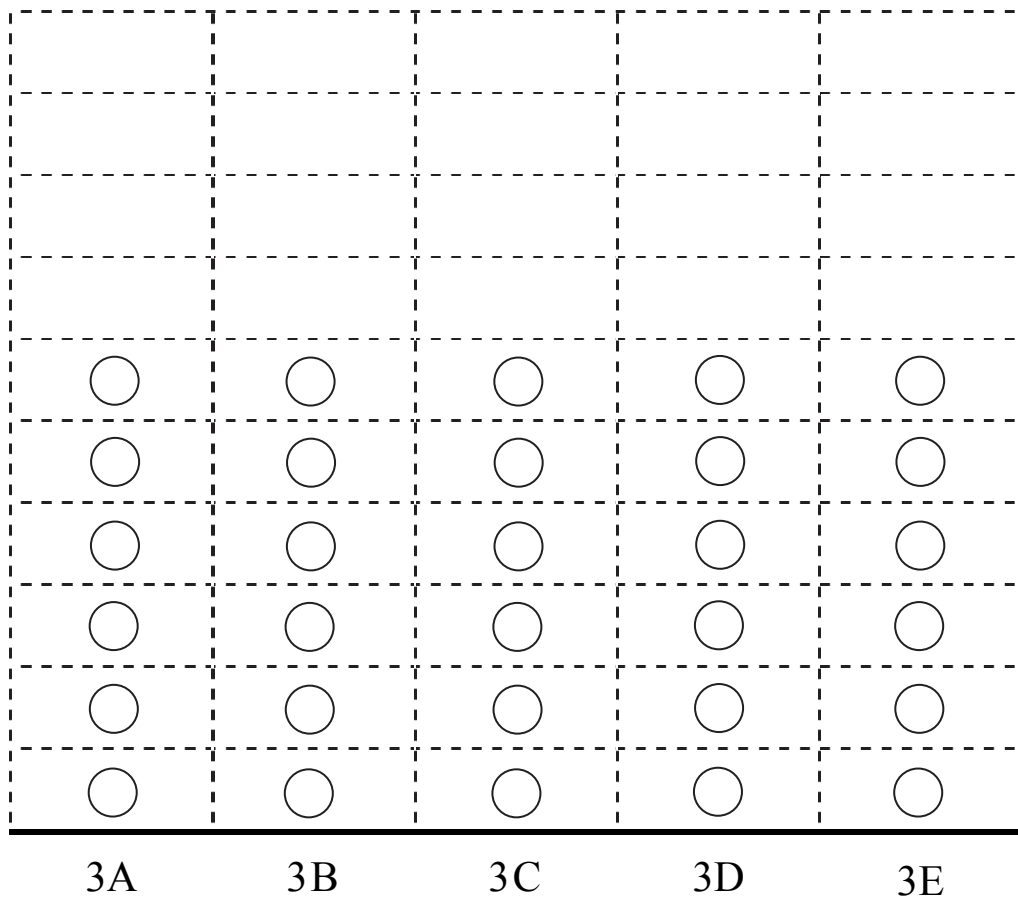
Class	3A	3B	3C	3D	3E
Record	I		II	I	
Number of pupils	6				

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

--

(Title)

Each ○ stands for 1 pupil

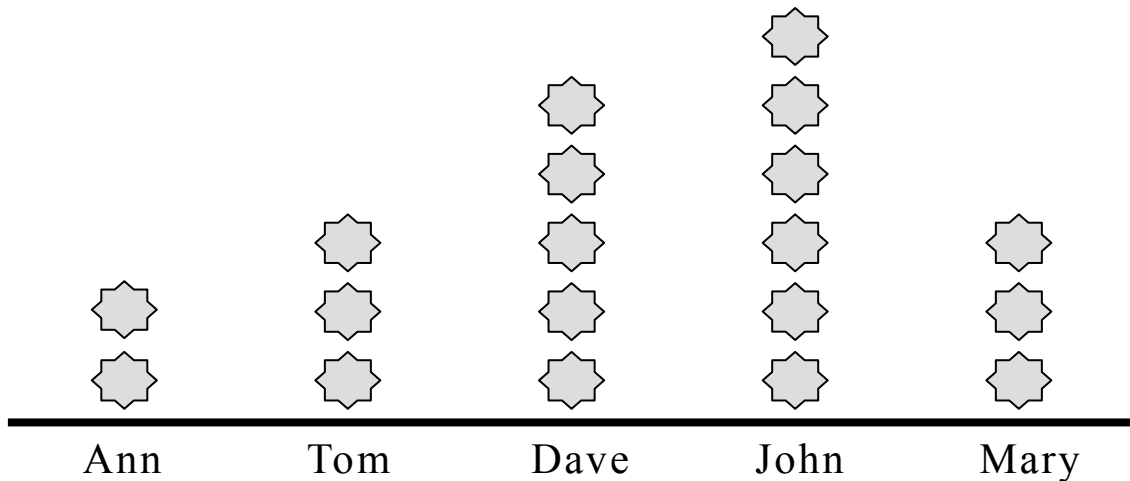


Please do not write in the margin.

39. The following pictogram shows the number of times five pupils took part in volunteer work.

Number of Times Five Pupils Took Part in Volunteer Work

Each  stands for 1 time



- (a) _____ took part in volunteer work the most.
- (b) The number of times that Dave took part in volunteer work was _____ * more / less than that of Ann. (* Circle the answer)
- (c) Each pupil who takes part in volunteer work four times or more can receive a present. According to the pictogram, can Tom receive a present? Why?

Answer: Tom * can / cannot (* Circle the answer)
receive a present, because _____

_____.

— END OF PAPER —