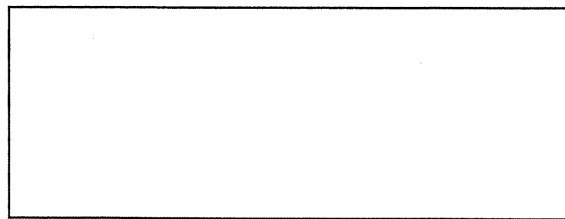


* 3 M E 2 *

3	M	E	2
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↑
請把電腦條碼貼在方格內
Please stick the barcode label in the box

Education Bureau
Territory-wide System Assessment 2011
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

--	--	--

Class
班別




3	
---	--

Class
No.
班號

--	--

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

2. Mr Cheung has done a survey on the sale of three types of bags.

Types of bags			
Number of bags sold	15253	12597	15529

Arrange the number of bags sold from the largest to the smallest.

Answer: _____, _____, _____
(Largest) (Smallest)

3. Write the number '71 020' in words.

Answer: _____

4. $483 + 148 =$

5. $559 - 168 =$

請把電腦條碼貼在方格內
Please stick the barcode label in the box



6. Fill in the boxes with the correct numbers.

$$\begin{array}{r} 9 \quad 1 \quad 4 \\ - \quad \square \quad \square \quad \square \\ \hline 3 \quad 7 \quad 2 \end{array}$$

7. $648 \times 3 =$ _____

8. $806 \div 4 =$ _____

9. $384 \div 6 =$ _____

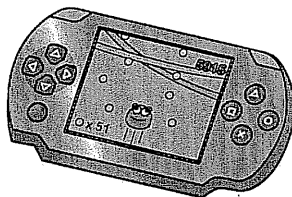
10. $5 \times 83 - 219 =$ _____

11. Mary is joining a charity walk. She can raise 123 dollars for every 1 km she walks. Mary walks for 8 km and raises a total of _____ dollars.

Please do not write in the margin.

Please do not write in the margin.


13.



\$899

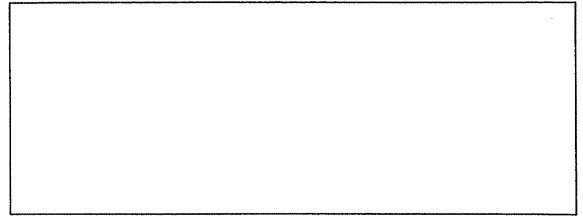
Answer: At least _____ boards are needed.

(Show your working)

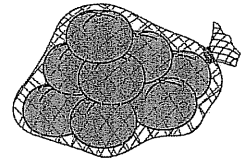


10

請把電腦條碼貼在方格內
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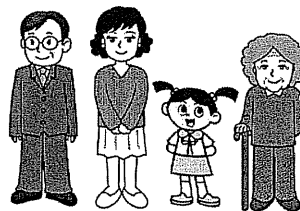
14. The shopkeeper packs 8 oranges into one bag. There are 534 oranges. How many bags can be packed at most? How many oranges are left? (Show your working)



15.

**Lamma Island
One Day Tour**

Adult	\$125
Child	\$80




Mr Ho and his family join the Lamma Island one day tour. The total cost for 3 adults and 1 child is \$ _____.

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Please do not write in the margin.

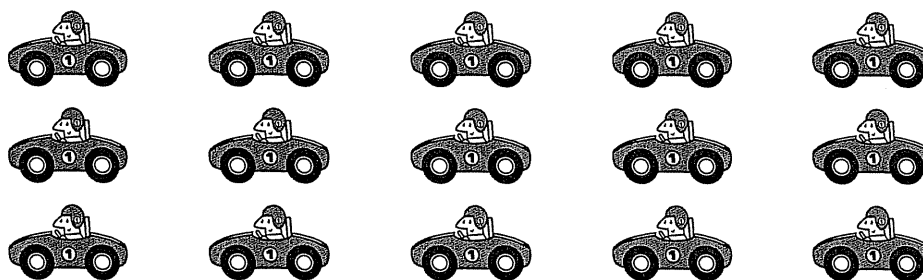
16. Mother has to pay 27 dollars and 90 cents for 3 kg of cabbage.

(a) The cost of 1 kg of cabbage is _____ dollar(s) and _____ cent(s).

(b) She pays  . The change is

_____ dollar(s) and _____ cent(s).

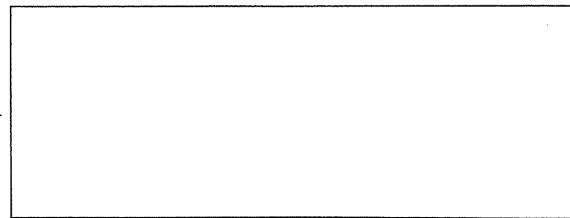
17. Kevin and John have a total of 15 toy cars. Kevin has $\frac{2}{5}$ of all the toy cars.



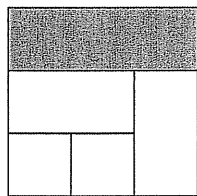
(a) Kevin has _____ toy cars.

(b) John has $\frac{\boxed{}}{\boxed{}}$ of all the toy cars.

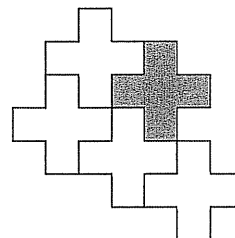
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Please stick the barcode label in the box



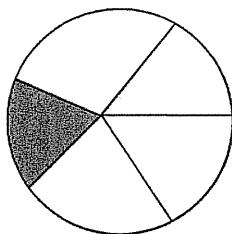
18. Which of the following figures has $\frac{1}{5}$ of the whole shaded?



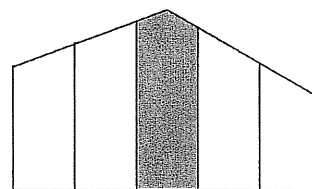
☐ A.



☐ B.



☐ C.



☐ D.

19.



Eva eats $\frac{2}{12}$ of the whole bag of sweets. Helen eats $\frac{3}{12}$ of the whole bag and Danny eats $\frac{3}{6}$ of the whole bag.

* Eva / Helen / Danny eats the least. (*Circle the answer)

Please do not write in the margin.

Please do not write in the margin.

Please do not write in the margin.

20. Mother buys a mixer in a shop.

(a) The price of the mixer is _____ dollars and _____ cents.



\$168.80

(b) Mother buys a mixer and pays with

two

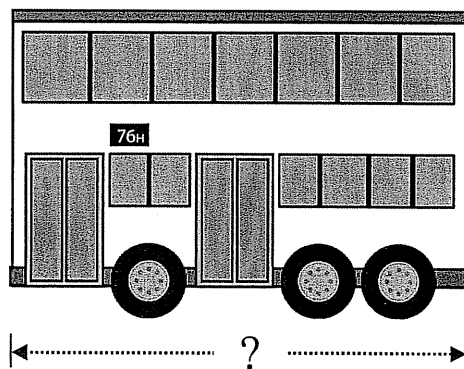


. How much change should she

get? Circle the change.



21.



The length of the bus model is _____ cm.

Please do not write in the margin.

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Please stick the barcode label in the box



22. Write down a suitable measuring unit for each of the following.

- (a) The length of a correction pen is about 100 _____.
- (b) The distance between Hong Kong and Shanghai is about 1230 _____.
- (c) A refrigerator weighs about 60 _____.

23. Use the December calendar below to answer the following questions.

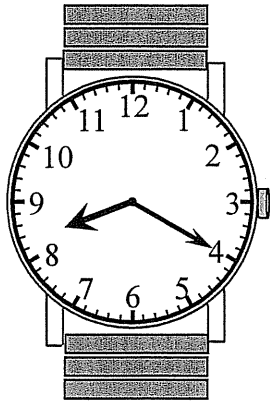
December						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

- (a) Today is the 8th of December. The school examination will start next Tuesday. The examination will start on the _____ of _____.
(month)
- (b) After the Christmas holidays, Mary will go back to school again on the first Monday of January.
The date is the _____ of _____.
(month)

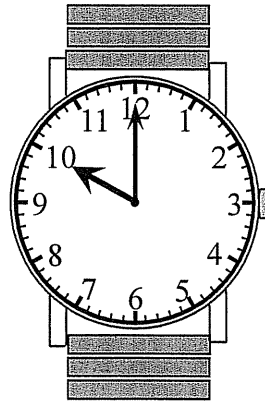
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Please do not write in the margin.

24. Isaac practised running on a Sunday morning. The following is the starting and ending time of the practice.



Starting time



Ending time

- (a) He started to practise at _____ minutes past _____ in the morning.
- (b) He took _____ hour(s) and _____ minute(s) to practise running.

25. The timetable below shows the activities of the Day Camp in the afternoon.

Activity	Starting time
Lunch	12:30
Photo taking	13:30
Basketball match	14:00
Football match	16:30
Check-out	18:00

- (a) The football match begins at _____ past _____ in the * morning / afternoon. (*Circle the answer)
- (b) David finishes his lunch at 13:05. It is _____ minute(s) before the basketball match begins.

26. Which of the following is the lightest?



☐ A. a pair of shoes



☐ B. a dictionary

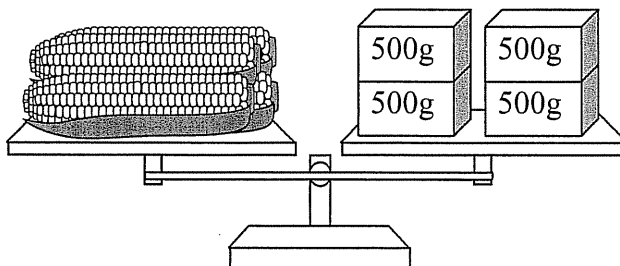
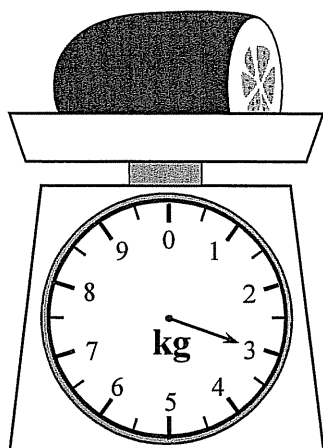


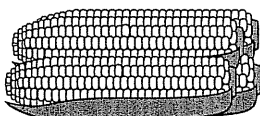
☐ C. a shuttlecock

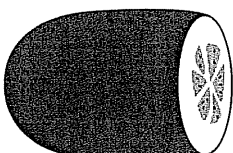
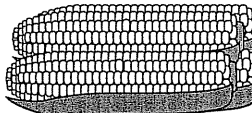


☐ D. a pack of rice

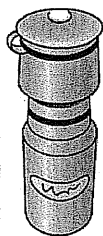
27.



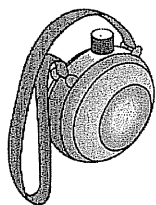
(a)  weighs _____ kg.

(b)  is * lighter / heavier than 
by _____ kg. (*Circle the answer)

28.

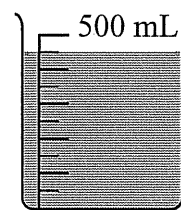
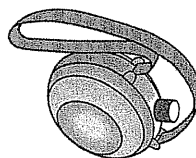
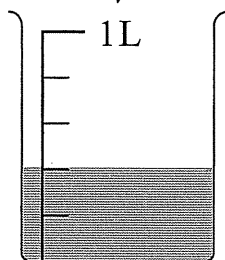
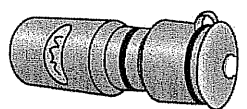


and

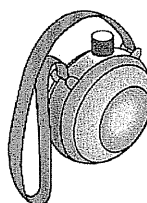
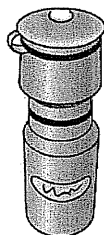


are filled up with water and then

poured into two beakers respectively.



The capacity of *



is larger.

(*Circle the answer)

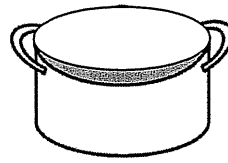
The capacities of the two containers differ by

_____ mL.

Please do not write in the margin.

Please do not write in the margin.

29. To measure the capacity of a pot



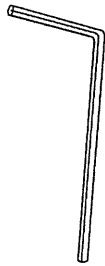
which of the following tools is the most suitable?



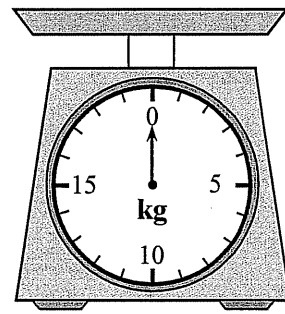
☐ A. a bowl



☐ B. a tea spoon

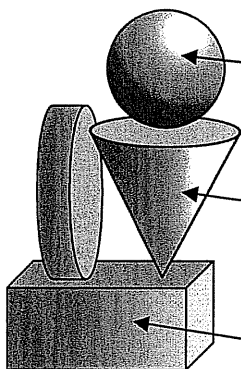


☐ C. a straw



☐ D. a scale

30. The model below is made up of some 3-D shapes. Write their names in the boxes.



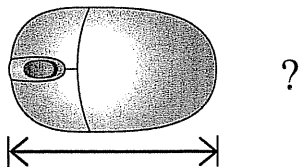
(a)

(b)

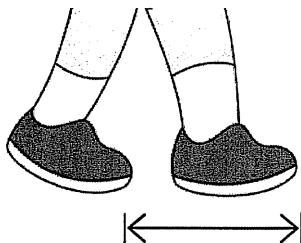
(c)

31. Which is best suited to measure the length of a

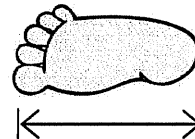
mouse



?



☐ A. Stride length



☐ B. Foot length

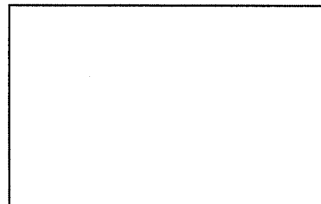
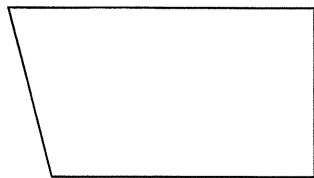


☐ C. Arm length



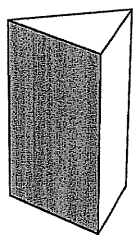
☐ D. Finger width

32. Name the following quadrilaterals.

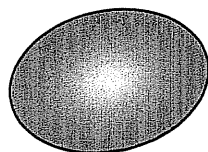


(a) Answer: _____ (b) Answer: _____

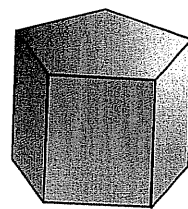
33. Study the 3-D shapes below. Write down all the letters for the answers.



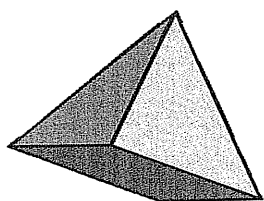
A



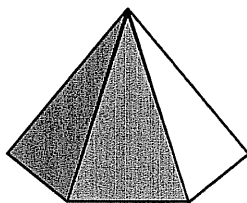
B



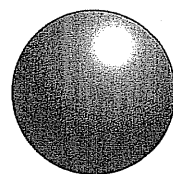
C



D



E



F

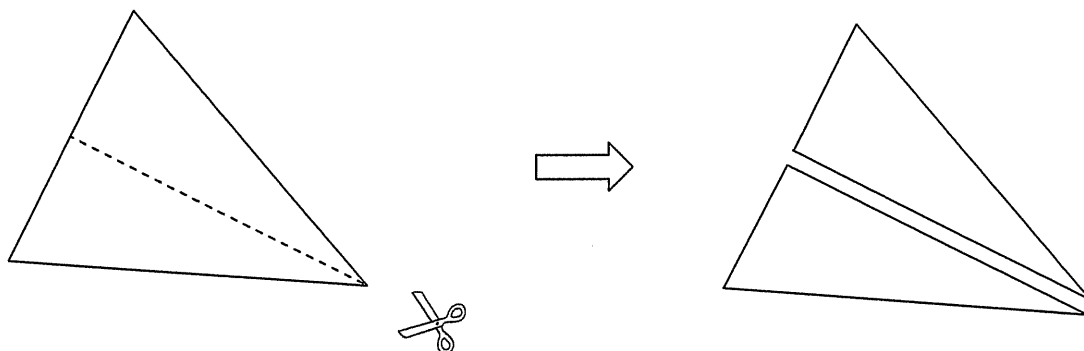
List:

(a) Pyramid(s) / Cone(s): _____

(b) Prism(s) / Cylinder(s): _____

(c) Sphere(s): _____

34.

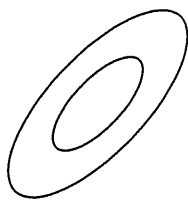


By cutting along the dotted line in the diagram, you can get

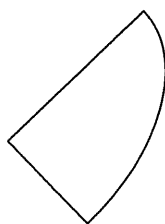
- ☐ A. two isosceles triangles.
- ☐ B. two equilateral triangles.
- ☐ C. two right-angled triangles.
- ☐ D. one isosceles triangle and one right-angled triangle.

35. Study the 2-D figures below.

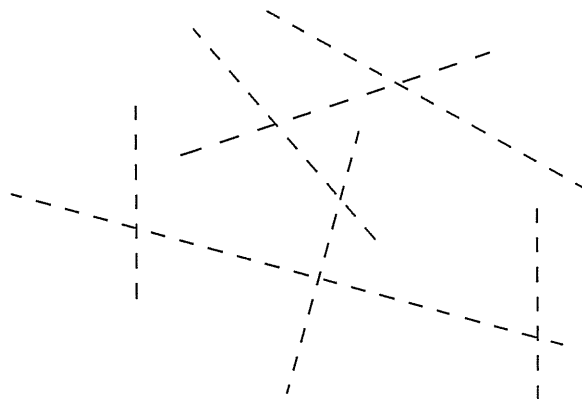
- (a) The figure below has * straight line(s) / curve(s) / parallel lines / perpendicular lines.
(*Circle all the answers)



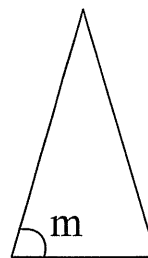
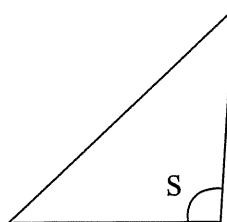
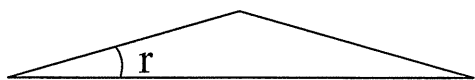
- (b) The figure below has * straight line(s) / curve(s) / parallel lines / perpendicular lines.
(*Circle all the answers)



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




37. In the figures below, arrange the angles r , s and m from the largest to the smallest.

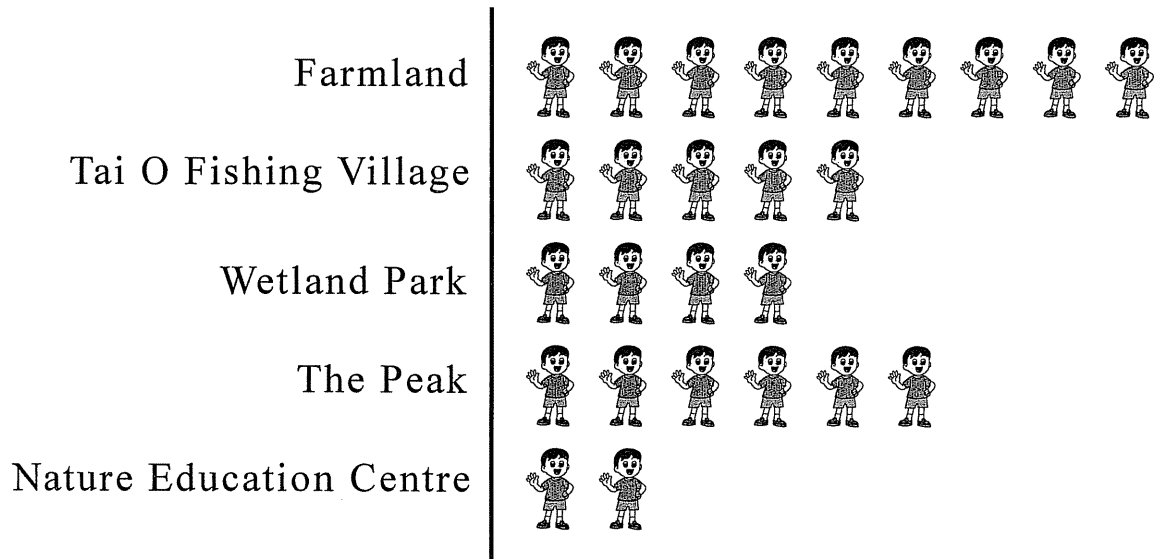


Answer: _____, _____, _____
(Largest) (Smallest)

38. Miss Ma has done a survey on P.3D pupils' favourite field trip sites. The results are as follows:

P.3D Pupils' Favourite Field Trip Sites

Each  stands for 1 pupil



- (a) The most popular site is _____ and the number of pupils choosing it is _____.
- (b) The number of pupils who choose The Peak is _____ * more / less than those who choose Tai O Fishing Village. (*Circle the answer)
- (c) The number of P.3D pupils taking part in this survey is _____.

Please do not write in the margin.

Please do not write in the margin.

39. The teachers discuss the themes for environmental education.

- (a) The voting result for the theme for environmental protection is shown below. Complete the table according to the voting record.

Theme	Land Pollution	Air Pollution	Noise Pollution	Water Pollution
Tally	HHH III	HHH II	HHH	HHH IIII
Number of votes				

- (b) According to the above table, complete the pictogram below and give it a title.

(Title)

Each ○ stands for 1 vote

Land Pollution	○	○	○	○	○					
Air Pollution	○	○	○	○	○					
Noise Pollution	○	○	○	○	○					
Water Pollution	○	○	○	○	○					

— END OF PAPER —

