Education Bureau
Territory-wide System Assessment 2024
Primary 3
Mathematics

Instructions:

1. Stick barcode labels on pages 1, 3, 5, 7 and 9 in the spaces provided.
2. There are 33 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 | **P** | | | | **Class** 班別 | **3** | | **Class No.** 班號 | |

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

1. Write a 5-digit number according to the instructions below.

   The digit '5' is in the units place.

   The digit '6' is in the ten thousands place.

   The digit '4' is in the tens place.

   The digit '2' is in the thousands place.

   The digit '7' is in the hundreds place.

2. Write 'thirty thousand and forty' in numerals.

   Answer: _____

3. The following table shows the number of logins for the online game 'Happy Farm' in the first three days.

	Day 1	Day 2	Day 3
Number of logins	16 158	9 489	15 991

   Arrange the number of logins in the first three days from the smallest to the largest.

   Answer: _____ , _____ , _____
        (Smallest)   (Largest)
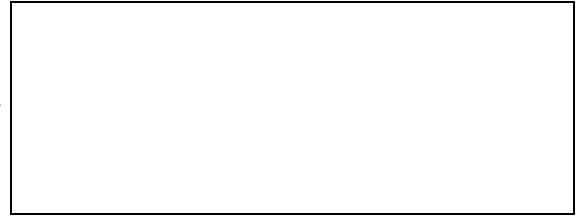
Please do not write in the margin.

4. Write an *even number* which is larger than 79 462 but smaller than 81 345.

   Answer: _____

5. 248 + 354 = _____

6. 837 − 461 = _____

7. 502 × 3 = _____

8. $904 \div 6 =$

    ○ A.   150…4

    ○ B.   150

    ○ C.   105…4

    ○ D.   15…4

9. $61 + 8 \times 2 =$

    ○ A.   16

    ○ B.   69

    ○ C.   77

    ○ D.   138

10. There are 198 students joining the flag-selling activity.

Ms Lee divides the students evenly into 9 groups.

There are _____ students in each group.

11. There are 182 people in the museum originally. After

69 people leave, there are _____ people remaining.

Please do not write in the margin.

Please do not write in the margin.

12. Lily reads for 27 minutes every day. She reads

a total of _____ minutes in 5 days.

13. Michael eats 4 lychees. Christy eats 3 times as many lychees as Michael. How many lychees do they eat altogether?

(Show your working)
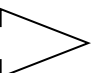
14. There are 12 balls in the store. $\frac{1}{4}$ of the whole are red.

The rest are green.
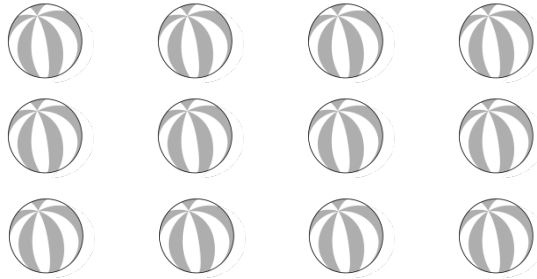
(a) There are _____ red balls.

(b) $\frac{\square}{\square}$ of the whole are green balls.

15. Fill in the box with a suitable number.

$\frac{4}{7}$ is larger than $\frac{4}{\square}$.
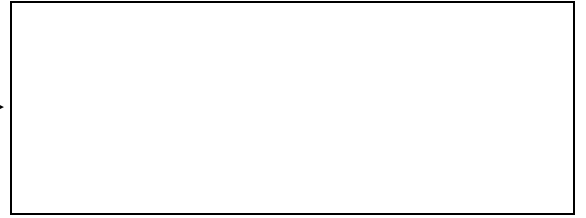
16. Mother buys a cake. Wilson eats $\frac{3}{6}$ of the cake. Nancy eats $\frac{2}{6}$ of the cake. How much of the cake do they eat altogether?
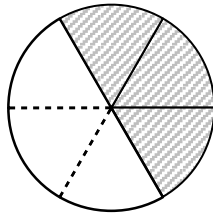
Wilson eats: Nancy eats:

(Show your working)

17.

$ 123.40

(a) A pizza costs

_____ dollars and _____ cents.

(b) Kelvin buys a pizza. Circle the amount he should pay.

Please do not write in the margin.
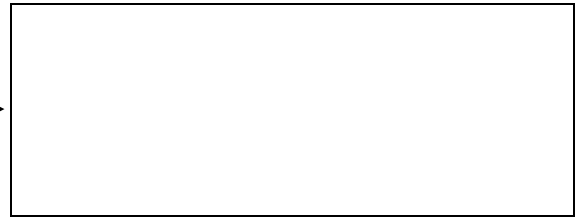
18.
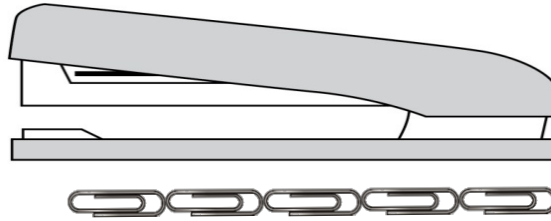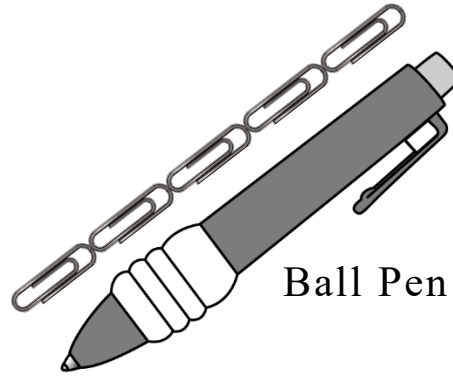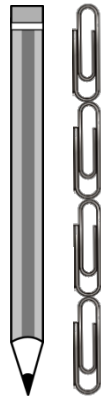
Stapler

Pencil

Ball Pen

Compare the lengths of the ball pen, the pencil

and the stapler above.

The * ball pen / pencil / stapler

is the longest.

(*Circle the answer)

Please do not write in the margin.

Which of the following is most suitable for measuring the weight of a battery?

○ A.

○ B.

○ C.

○ D.

20. Fill in the following blanks with suitable units.

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

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

21. Fill up container **Q** with water and then pour all the water into an empty measuring cup.

Q

500 mL
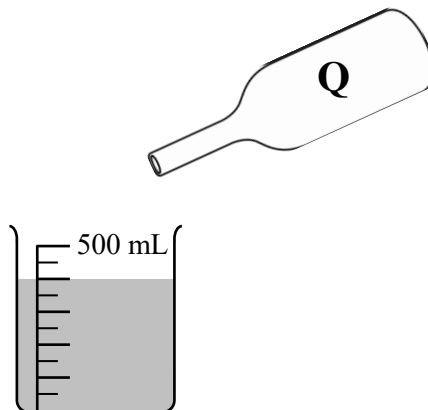
The capacity of container **Q** is _____ mL.

22.
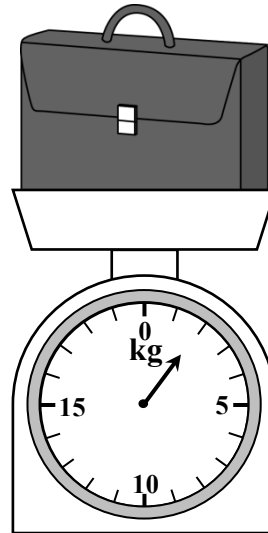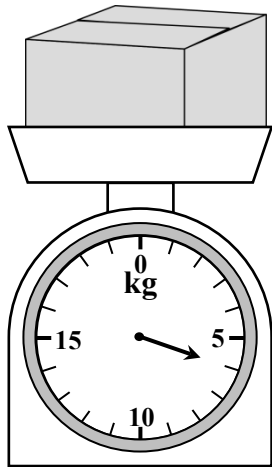
(a)   The weight of is _____ kg.

(b)   is _____ kg

*   lighter / heavier   than .

(*Circle the answer)

23. Answer the following questions according to the calendar for April below.

April						
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				

(a) Grandfather's birthday is on the second Friday of April. That day is the _____ of _____ .
(month)

(b) Cecilia has a violin class every Sunday.

She has _____ violin classes in April.

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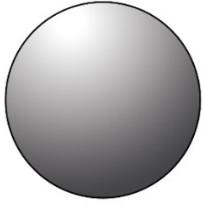
A.

B.
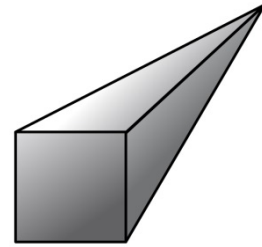
C.
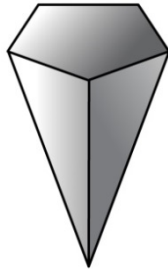
D.
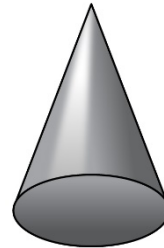
E.

List:

(a) Sphere(s): _____
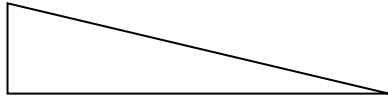
(b) Pyramid(s): _____

25. Which of the following 2-D shapes is an equilateral triangle?
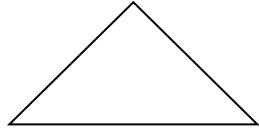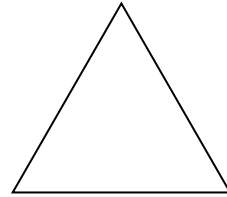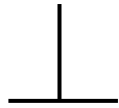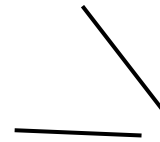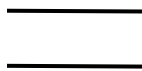

○ A.
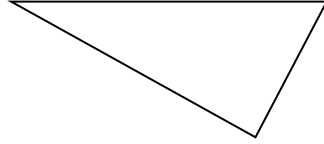
○ B.

○ C.

○ D.

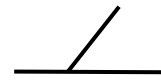26. Which of the following figures is formed by a pair of parallel lines?

○ A.

○ B.

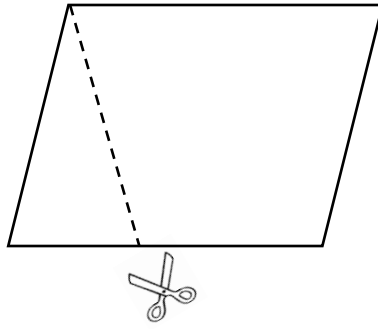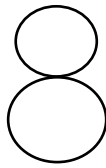○ C.

○ D.

15

Go on to the next page

27.

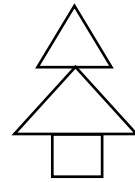Tom cuts the parallelogram above along the dotted line. He gets one triangle and one

* trapezium / rectangle / pentagon .
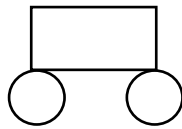
(*Circle the answer)

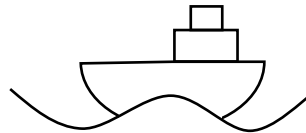28. Study the figures below. Write down all the letters for the answers.

A.

B.

C.

D.

List:

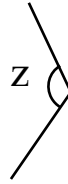(a) The figure(s) formed by straight line(s) and curve(s) :

_____

(b) The figure(s) formed by curve(s) only:

_____

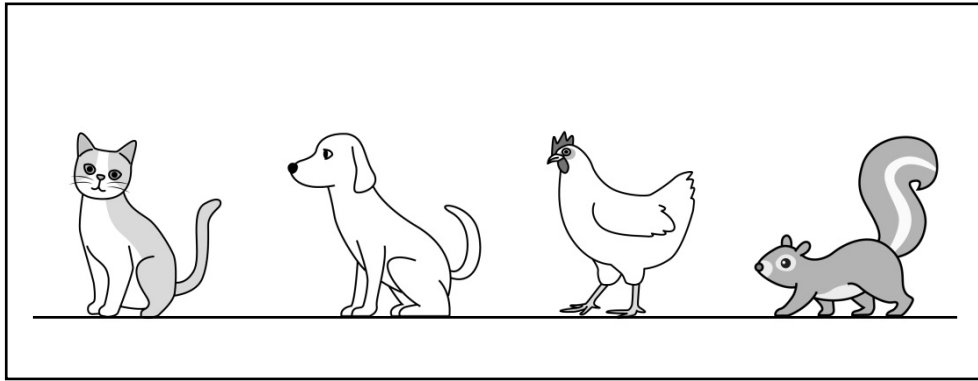29. Study the diagram below. Arrange the angles x, y and z from the largest to the smallest.
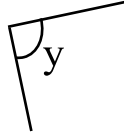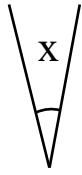
Answer: _____ , _____ , _____
        (Largest)   (Smallest)

30. Mr Lee puts a picture on a wall.

    *   / /
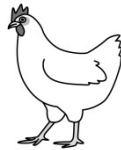
    is between and .

    (*Circle the answer)

31. The location map of a theme park is shown below.

Hotel   Box Office

N

Bus Stop   Castle   Toy Shop
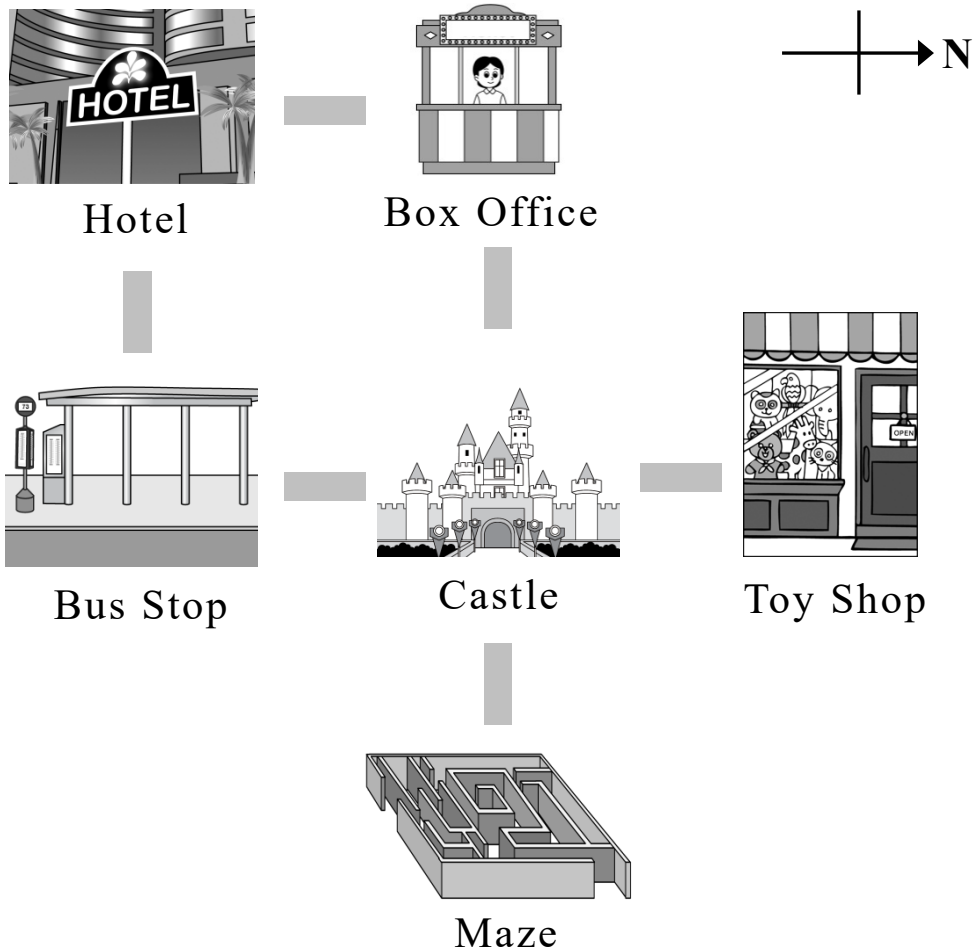
Maze

(a) * Box Office / Toy Shop / Maze

is to the east of Castle.

(*Circle the answer)

(b) Starting from Bus Stop, Tammy goes

* east / south / west / north   to reach Castle.

(*Circle the answer)

32. A shopkeeper did a survey of the number of musical instruments sold at a shop last month.

**Number of Musical Instruments
Sold at a Shop Last Month**
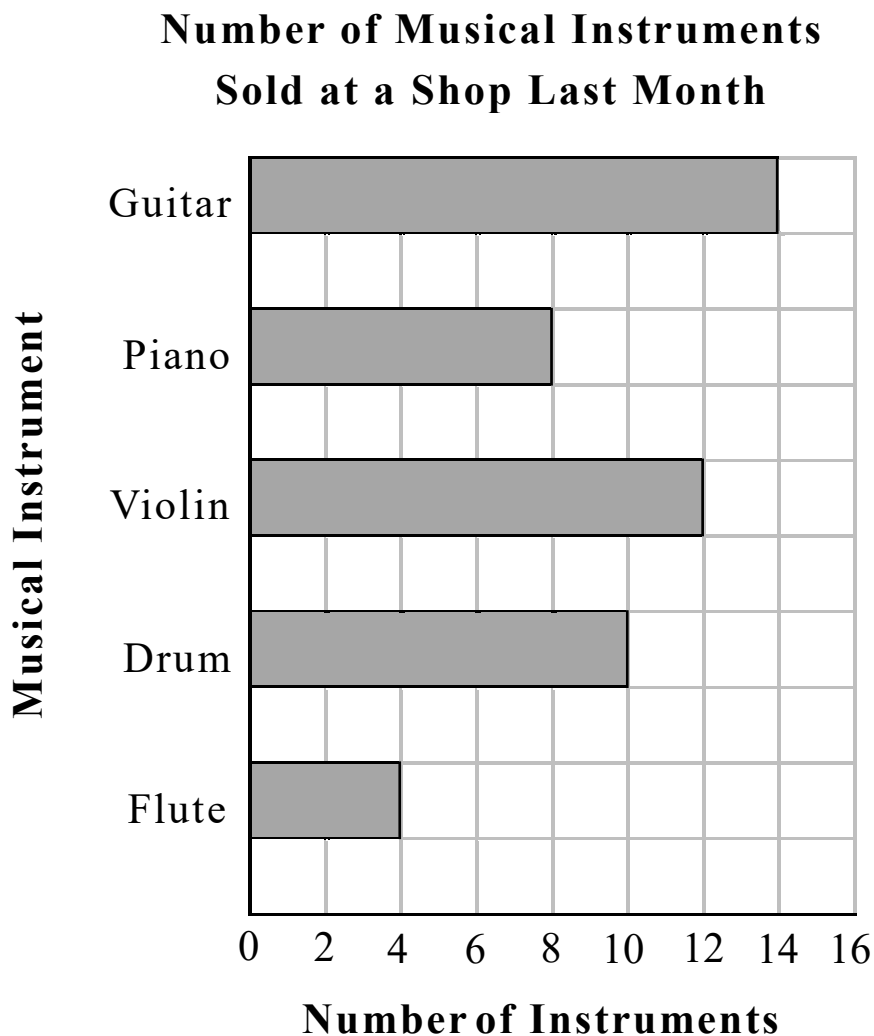
(a) The most sold musical instrument was

the _____ .

There were _____ of this kind of instruments sold.

(b) The number of drums sold

was _____ * more / less   than that of

flutes. (*Circle the answer)

33. Macy did a survey of the number of dresses in different colours at home. The results are as follows:

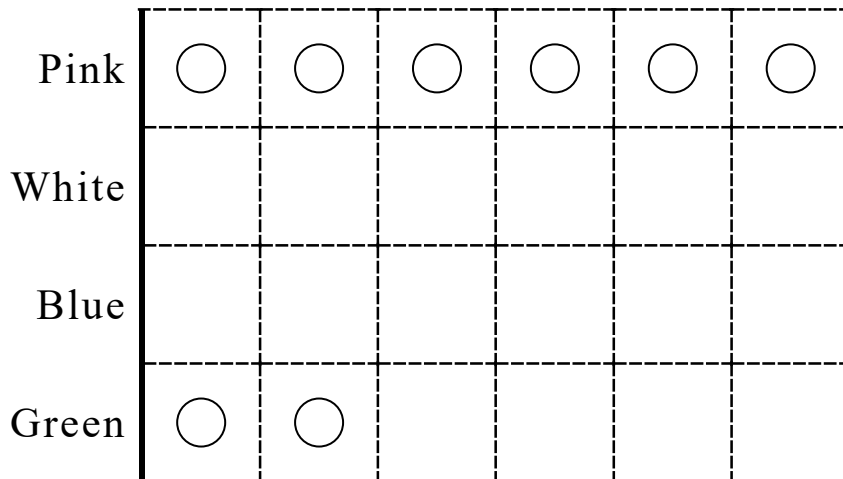| Colour	Pink	White	Blue	Green
Number of dresses	6	4	3	2

According to the results, complete the following pictogram and give it a title.

```
┌─────────────────────────────────────────────┐
│                                             │
│                                             │
│                                             │
└─────────────────────────────────────────────┘
```

(Title)

Each ◯ stands for 1 dress

Pink	◯	◯	◯	◯	◯	◯
White						
Blue						
Green	◯	◯				

— **END OF PAPER** —