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. In which of the following numbers is the digit '2' in the tens place?

○ A. 7 942

○ B. 21 446

○ C. 32 783

○ D. 37 824

2. In the number 75 902, the digit '5' stands for
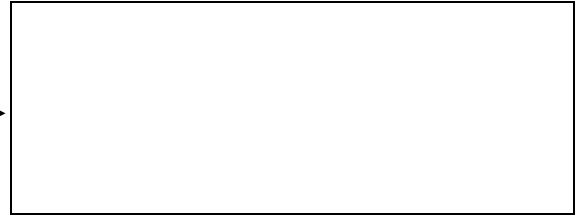
* 5 / 50 / 500 / 5 000 / 50 000 .

(*Circle the answer)

3. 146 + 516 + 24 =

○ A. 662

○ B. 676

○ C. 686

○ D. 902

4. $560 - 246 - 46 =$

○ A. 268

○ B. 314

○ C. 320

○ D. 360

5. $5 \times 614 =$ _____

6. $589 \div 8 =$

○ A. 71…1

○ B. 73

○ C. 73…5

○ D. 76…1

7. $28 - 6 \times 4 =$ _____

8. Alan has 285 dollars. He has 75 dollars less than Miffy.

   Miffy has

   ○ A. 210 dollars.

   ○ B. 350 dollars.

   ○ C. 360 dollars.

   ○ D. 645 dollars.

9. There are 8 pens in a box. Mr Chan buys 5 boxes of pens.

   There are 16 red pens and the remaining pens are blue.

   There are _____ blue pens.

10. Vincent needs 5 eggs to make a cake. Vincent

    has 521 eggs. He can make _____ cakes at most.

11. There are some packs of candies in a candy store. The shopkeeper sells 130 packs in the morning and 258 packs in the afternoon. There are 215 packs left. How many packs of candies are there at first?

(Show your working)

12.

Hamburger
17 dollars 50 cents
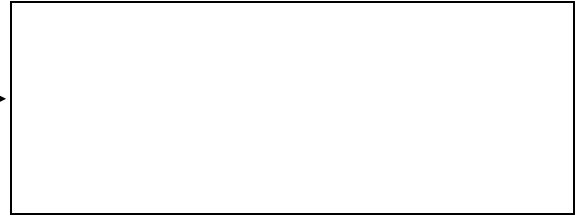
Ken pays with a 20-dollar note to buy a hamburger.

He gets _____ dollars and _____ cents in change.

13. There are 6 bookshelves in the classroom. Each bookshelf can hold 28 books. They can

hold _____ books altogether.

14. 8 is * smaller than   /   equal to   /   larger than $\dfrac{8}{8}$.

(*Circle the answer)

15. Which figure below shows that $\frac{1}{5}$ of the whole is shaded?
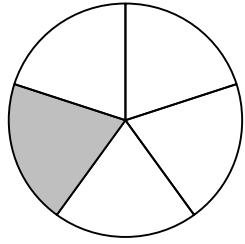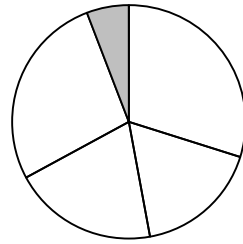
○ A.   ○ B.
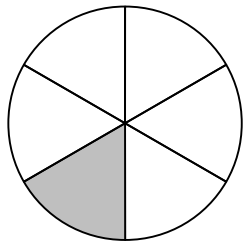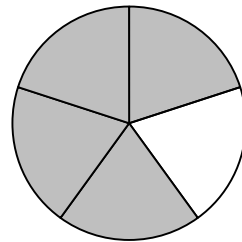
○ C.   ○ D.

16. Arrange the following fractions from the smallest to the largest.

$$\frac{4}{7} \quad , \quad \frac{4}{9} \quad , \quad \frac{5}{7}$$

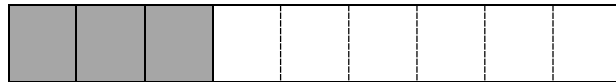Answer: [   ] , [   ] , [   ]

(Smallest)   (Largest)

Please do not write in the margin.

17. Hillary and Andy have $\frac{8}{9}$ of a box of chocolate altogether. Hillary has $\frac{3}{9}$ of the box. How much of the box of chocolate does Andy have?

They have:

Hillary has:

(Show your working)

Please do not write in the margin.
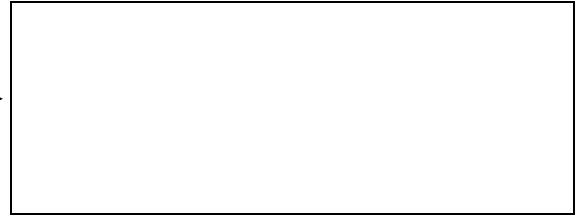
18.

$ 7.60

(a) An ice cream costs

_____ dollars and _____ cents.

(b) Paul pays (10) to buy an ice cream.

Circle the change returned to Paul by the

shopkeeper.

19. Linda pays the following amount for fruits.

Linda pays _____ dollars _____ cents

for fruits.

20. Use a ruler to measure the length of the glue stick below.

?
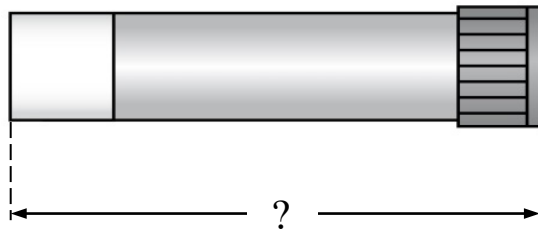
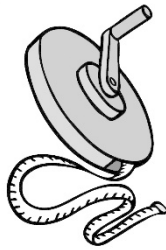The length of the glue stick is _____ cm.

21. Which of the following is most suitable for measuring the length of a classroom display board?
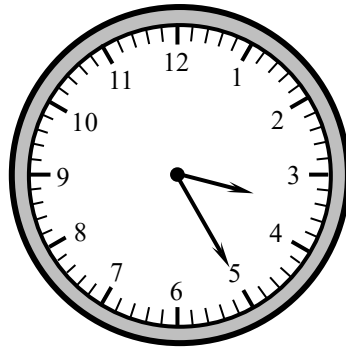

○ A.

○ B.

○ C.

○ D.

22. Fill in the following blanks with suitable units.

(a) The weight of a portable handheld fan is about 200 _____ .

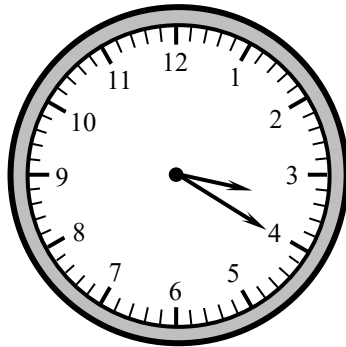(b) The length of a crayon is about 10 _____ .
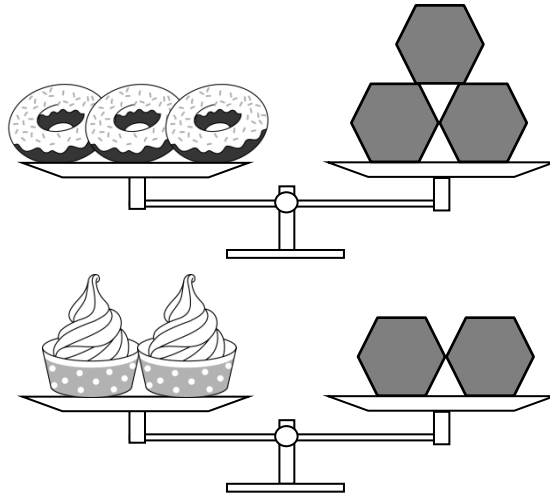
The clock above shows the starting time of a dance lesson.

(a)   The dance lesson starts at

_____ minute(s) past _____ in the

afternoon.

(b)   Susan arrives at the dance studio at

.

She arrives _____ minute(s) early.

Please do not write in the margin.

Please do not write in the margin.

24.

Study the diagram above. Which of the following

is correct?

○ A. is heavier than .

○ B. is heavier than .

○ C. and weigh the same.

○ D. The weights of and

cannot be compared.

25.

Which of the following is most suitable for measuring the capacity of a paper cup?
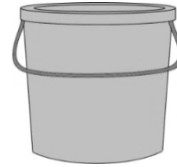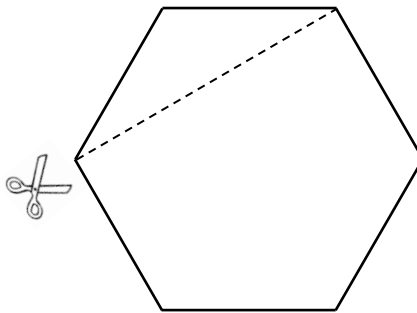

○ A.

○ B.

○ C.

○ D.

26. The sides of the hexagon below are equal in length.

Sandy cuts the hexagon above along the dotted line.

She gets one pentagon and one

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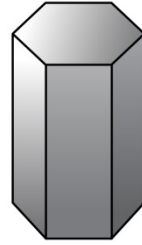
(*Circle the answer)

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

A.

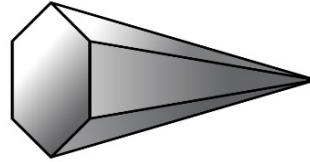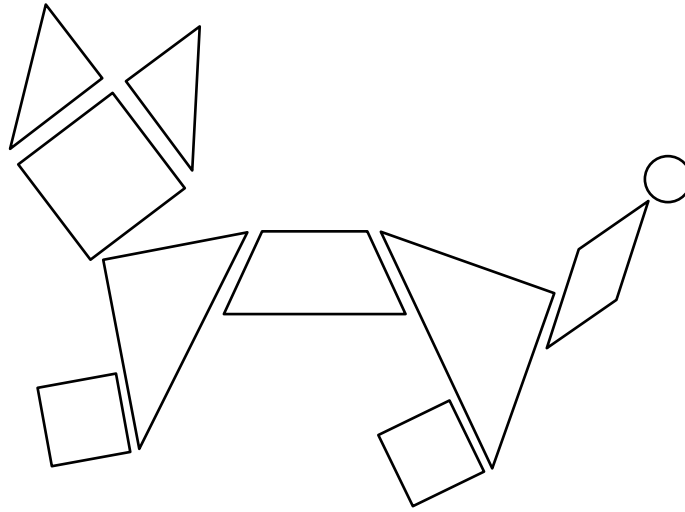B.

C.

D.

E.

List:

(a)   Prism(s): _____

(b)   Cone(s): _____

28. Christine uses different 2-D shapes to form a picture.
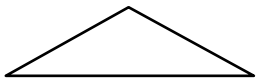

(a) There is / are _____ triangle(s) in the picture above.

(b) There is / are _____ square(s) in the picture above.

29. Study the following figure. Write down the letters for the answers.
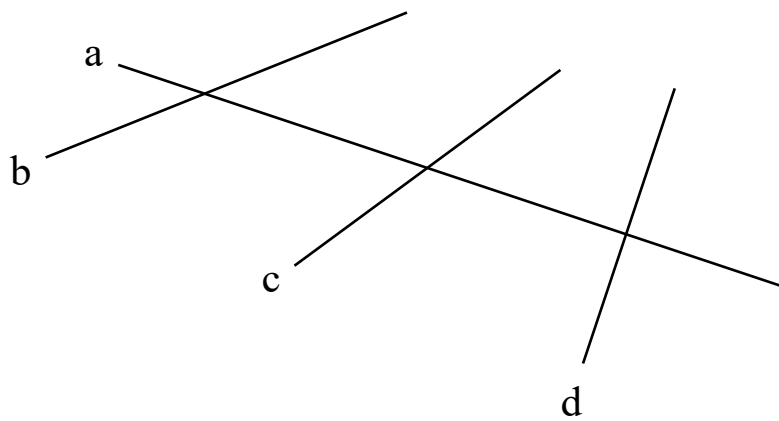
Lines _____ and _____ are a pair of perpendicular lines.
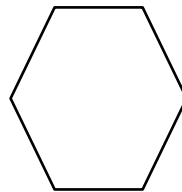
30. Study the following figures. Write down all the letters for the answers.

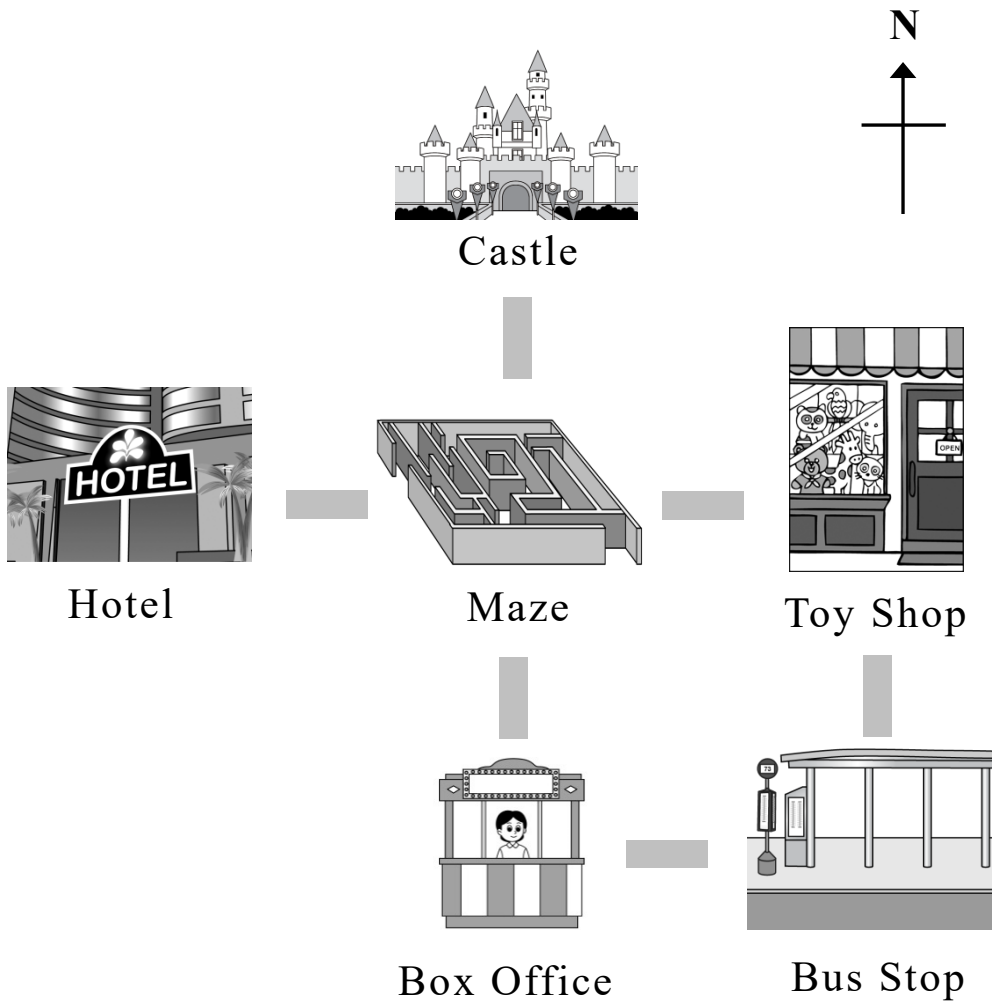A.   B.   C.   D.

(a)   List the figure(s) with right angle(s).

Answer: _____

(b)   List the figure(s) with acute angle(s).

Answer: _____

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

N

Castle

Hotel   Maze   Toy Shop

Box Office   Bus Stop

(a)   Starting from Maze, Keith goes west to reach

* Toy Shop / Castle / Hotel   .

(*Circle the answer)
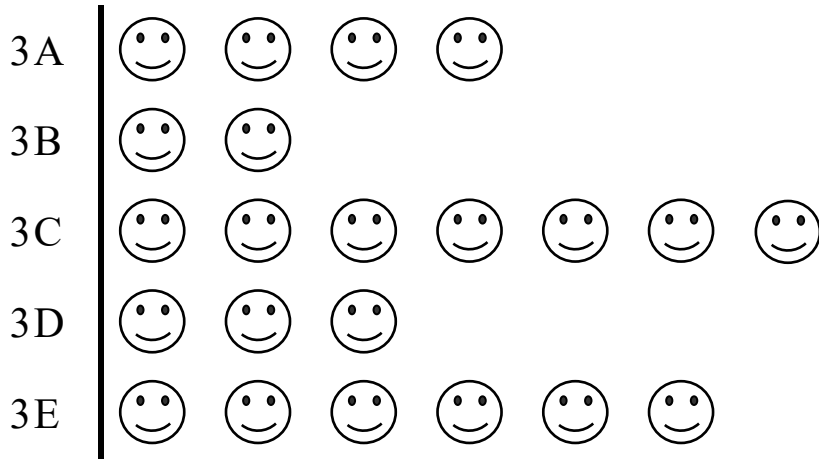
(b)   Bus Stop is to the

* east / south / west / north   of Toy Shop.

(*Circle the answer)

32. Ms Chan did a survey of the number of pupils in each primary three class taking the school bus.

Number of Pupils in Each Primary Three Class Taking the School Bus

Each 😊 stands for 1 pupil

3A	😊 😊 😊 😊
3B	😊 😊
3C	😊 😊 😊 😊 😊 😊 😊
3D	😊 😊 😊
3E	😊 😊 😊 😊 😊 😊

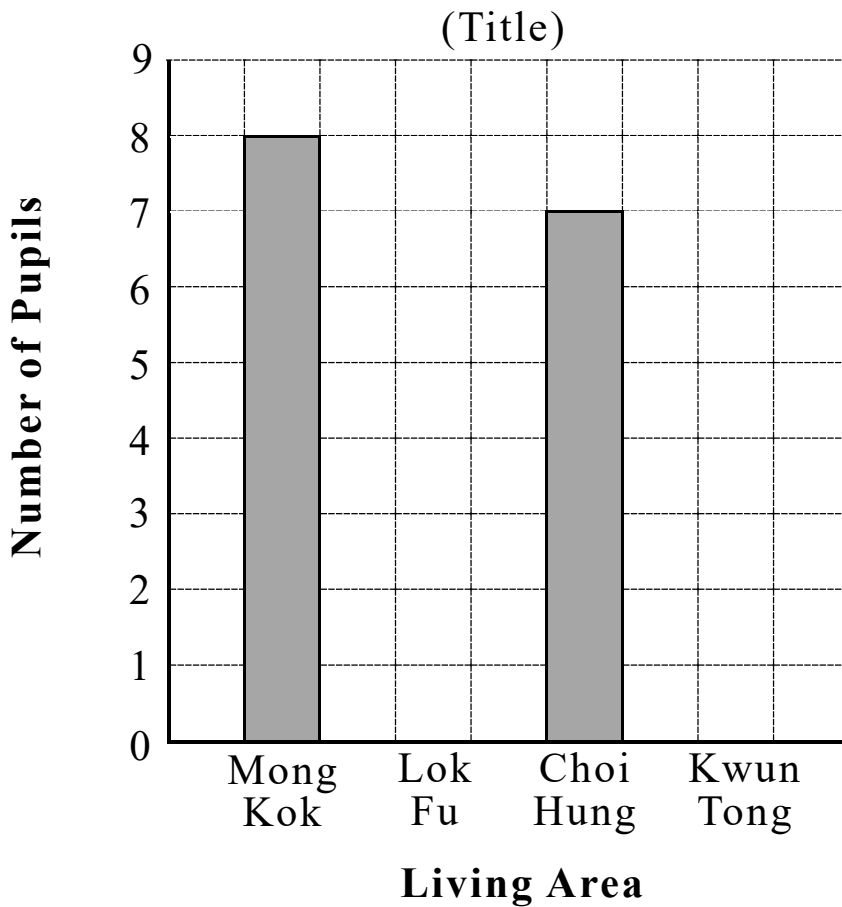(a) The number of pupils in Class _____ taking the school bus was the most.

There were _____ pupils.

(b) The total number of primary three pupils taking the school bus was _____ .

33. Mr Cheung did a survey of the living areas of P.3D pupils.

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

Living Area	Mong Kok	Lok Fu	Choi Hung	Kwun Tong
Record	卌 ‖‖	‖‖	卌 ‖	卌
Number of pupils		3		5

(b) According to the results, use a pencil to complete the following bar chart and give it a title.

(Title)

Number of Pupils

Living Area

— END OF PAPER —