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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 Tryout Study 2016 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

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

The digit '1' is in the ten thousands place.

The digit '2' is in the units place.

The digit '4' is in the thousands place.

The digit '8' is in the hundreds place.

The digit '0' is in the tens place.

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2. Write 'fifty-two thousand and six' in numerals.

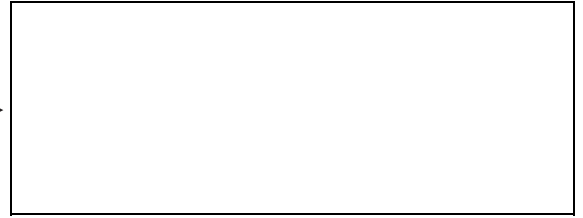
Answer: _____

3. Write an *odd number* which is larger than 19 365 but smaller than 20 776.

Answer: _____

4. $374 + 202 + 255 =$ _____

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Please do not write in the margin.

5. $692 - 466 - 146 =$

- ☐ A. 80
- ☐ B. 90
- ☐ C. 190
- ☐ D. 236

6. $563 \times 6 =$ _____

7. $649 \div 6 =$

- ☐ A. 18
- ☐ B. 18...1
- ☐ C. 108
- ☐ D. 108...1

8. $437 - (198 + 84) =$ _____

Please do not write in the margin.

9. There are 941 oranges in John's orchard. He sells 484 oranges in the morning and 391 oranges in the afternoon.
- There are _____ oranges left.
10. Lily pays 816 dollars for 4 pairs of shoes. On average, the cost of each pair of shoes is
- ☐ A. 24 dollars.
 - ☐ B. 102 dollars.
 - ☐ C. 204 dollars.
 - ☐ D. 3 264 dollars.

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Please do not write in the margin.

11. Each adult ticket of a theme park costs 399 dollars and each child ticket costs 199 dollars. Ann buys 1 adult ticket and 2 child tickets. How much does she have to pay altogether?

(Show your working)

Please do not write in the margin.

12. On each shelf, there are 36 boxes of milk. The total number of boxes of milk on 8 shelves is _____ .

13.

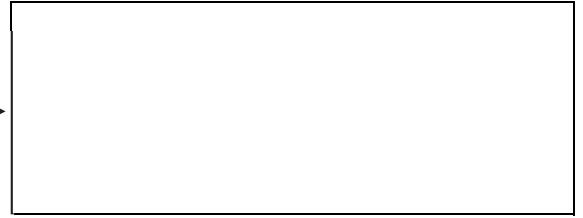


22 dollars and 10 cents

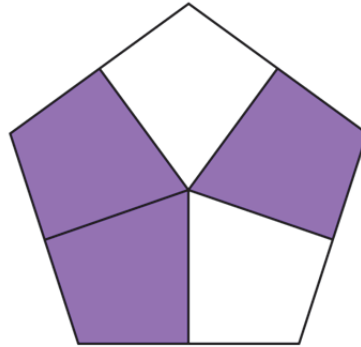
Ann buys 6 cakes.

She should pay _____ dollars and _____ cents.

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Please stick the barcode label in the box



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



- ☐ A. $\frac{2}{3}$
- ☐ B. $\frac{2}{5}$
- ☐ C. $\frac{3}{4}$
- ☐ D. $\frac{3}{5}$

Please do not write in the margin.

Please do not write in the margin.

15 (a) $\frac{10}{10}$ is * smaller than / equal to / larger than 10.

(*Circle the answer)

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

$$\frac{\boxed{}}{6} \text{ is smaller than } \frac{5}{6}.$$

16. Laura buys some flowers. $\frac{2}{7}$ of all the flowers are roses, $\frac{1}{7}$ of all the flowers are lilies and $\frac{4}{7}$ of all the flowers are tulips.

Most of the flowers are * roses / lilies / tulips .

(*Circle the answer)

請把電腦條碼貼在方格內
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Please do not write in the margin.

17.

Central → Cheung Chau
Departure Time
19:20
19:40
20:00
20:30
21:00
21:30
22:10
23:20

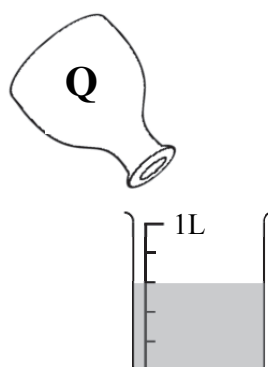
Study the timetable of the ferries on the left.

(a) The first ferry leaves Central at 19:20, and reaches Cheung Chau at 19:55.
The journey takes _____ minutes.

(b) The last ferry from Central to Cheung Chau departs at _____ : _____ p.m.

18.

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

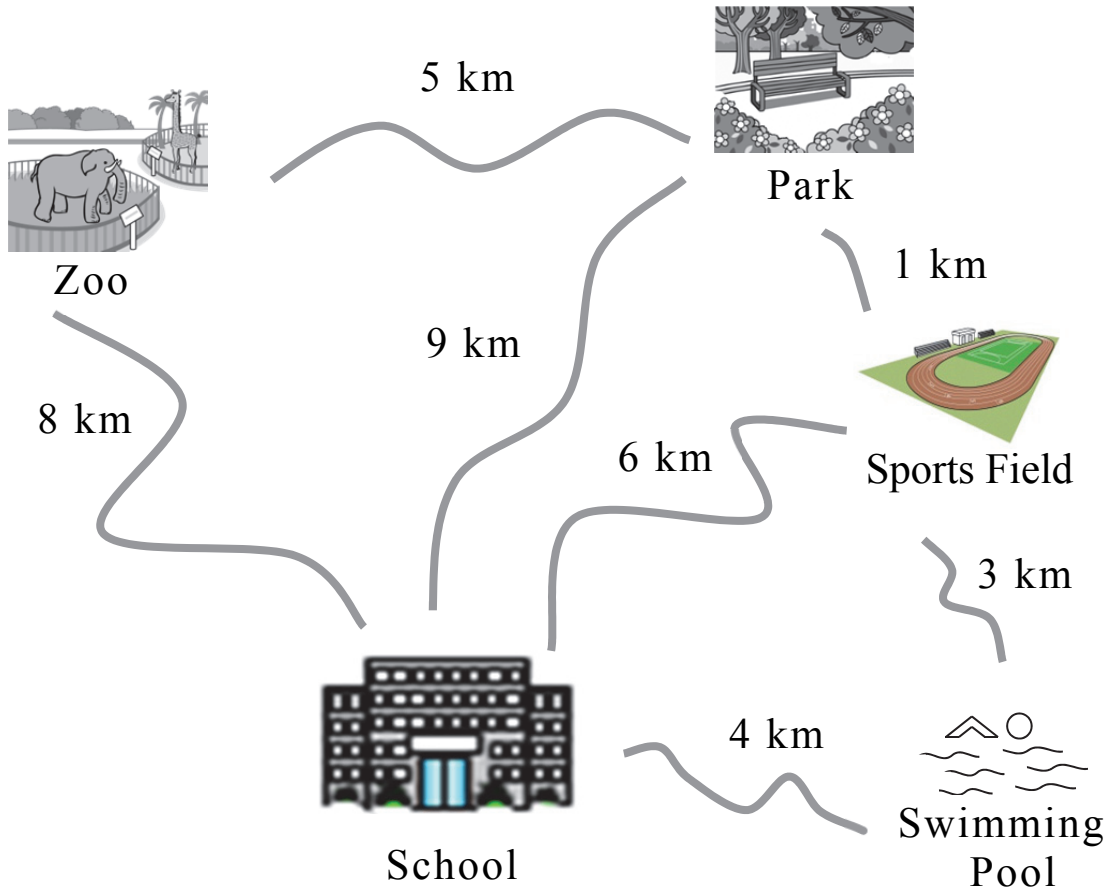


The capacity of container **Q** is _____ mL.

Please do not write in the margin.

Please do not write in the margin.

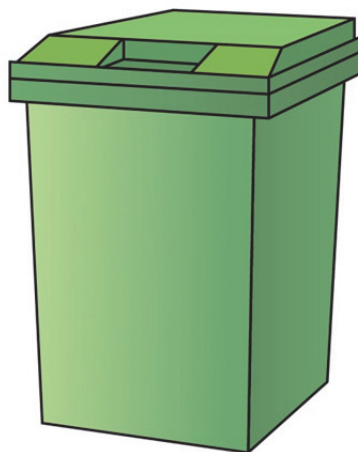
19. Study the following diagram and answer the questions below.



Please do not write in the margin.

- (a) It is only 6 km from Sports Field to Zoo passing _____ .
- (b) The shortest route from Park to School is _____ km.

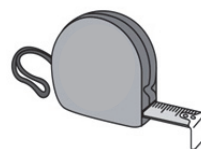
20.



Which of the following is most suitable for measuring the height of a rubbish bin?



☐ A.



☐ B.



☐ C.

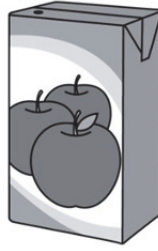


☐ D.

Please do not write in the margin.

Please do not write in the margin.

21.



\$ 6.50

(a) A carton of apple juice costs

_____ dollars and _____ cents.

(b) Betty pays  to buy a carton of apple juice.

Circle the change returned to Betty by the shopkeeper.



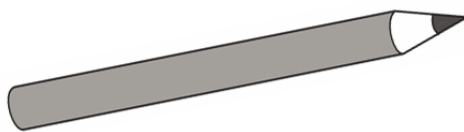
22.

			Rose
			Alex
	Vivian		
Blackboard			

Study the above seating plan.

* Rose / Alex / Vivian is farthest from the blackboard. (*Circle the answer)

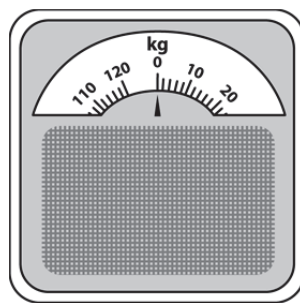
23.



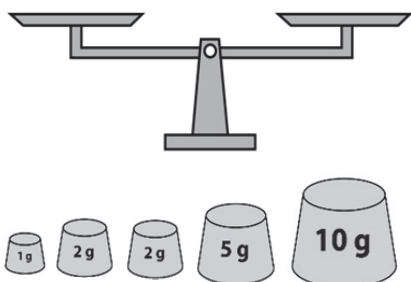
Which of the following is most suitable for measuring the weight of a pencil?



☐ A.



☐ B.



☐ C.



☐ D.

Please do not write in the margin.

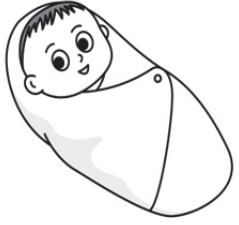
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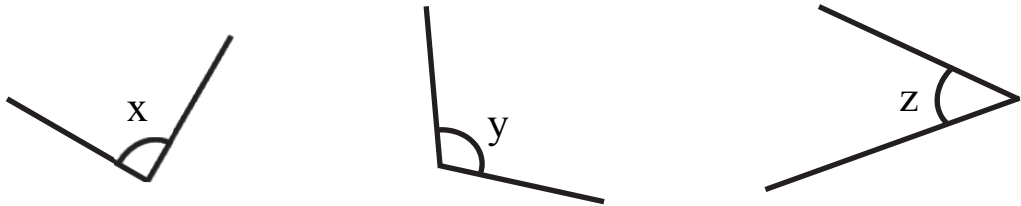
Please do not write in the margin.

24. Study the birth record of a baby below. Fill in the following blanks with suitable units.

Love Hospital	
Baby Birth Record	
Name :	Ann Cheung
Sex :	Female
Weight :	3 _____
Foot length :	6 _____



25.



Study the diagram above. Arrange the angles x, y and z from the smallest to the largest.

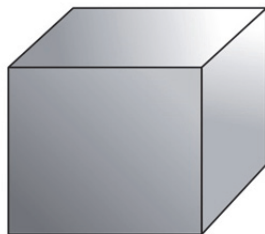
Answer: _____ , _____ , _____
(Smallest) (Largest)

Please do not write in the margin.

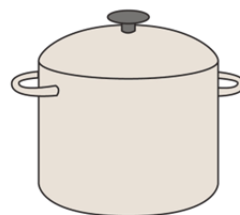
26. Follow the instruction. Write down all the letters for the answers.



A.



B.



C.



D.



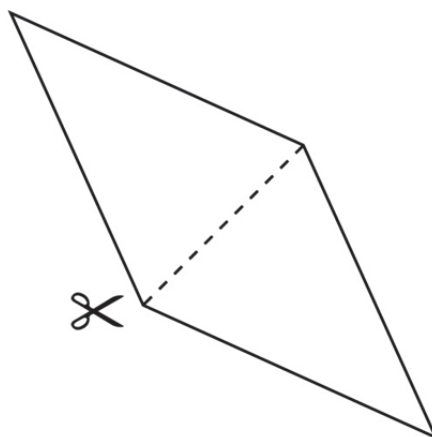
E.

List:

(a) Sphere(s): _____

(b) Prism(s): _____

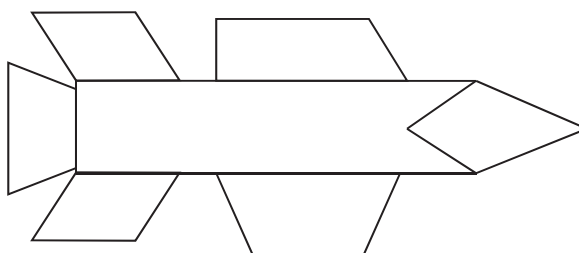
27.



Peter cuts the above rhombus along the dotted line. He gets

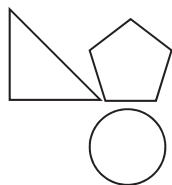
- ☐ A. two equilateral triangles.
- ☐ B. two right-angled triangles.
- ☐ C. two isosceles triangles.
- ☐ D. an equilateral triangle and an isosceles triangle.

28. Ada uses different 2-D shapes to form a picture of a rocket.

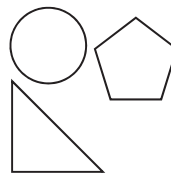


- (a) There is/are _____ trapezium(s) in the diagram above.
- (b) There is/are _____ parallelogram(s) in the diagram above.

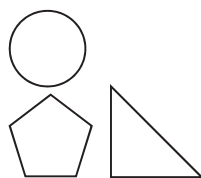
29. Mr Lau puts 4 sets of 2-D shapes on *a wall*. In which set below is  under  ?



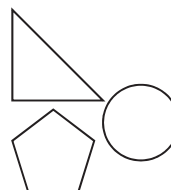
☐ A.



☐ B.



☐ C.



☐ D.

30. Study the letters below.

V B D E

List:

- (a) The letter(s) formed by straight lines only: _____
- (b) The letter(s) formed by straight line(s) and curve(s): _____

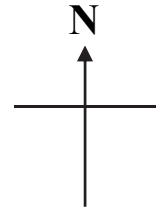
31. The map of a theme park is shown below.



Gift Shop



Ferris Wheel



Skating Rink



Bumper Yard



Merry Go Round



Maze

(a) Gift Shop is to the west of _____ .

(b) Starting from Merry Go Round, Daisy goes

_____ to Maze. She then turns
(direction)

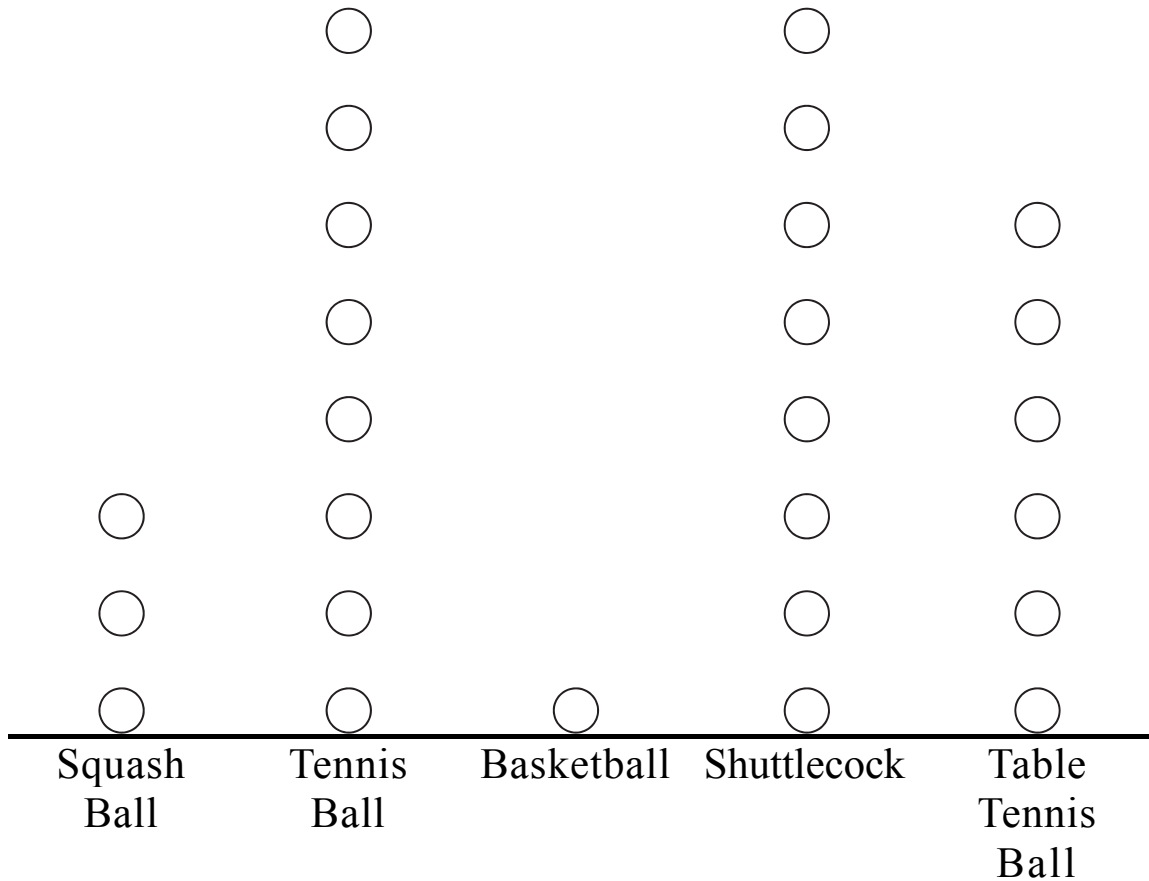
_____ to Bumper Yard.
(direction)

Please do not write in the margin.

32. Ken did a survey of the types of sports balls at home.

**Number of Different Types of Sports Balls
at Ken's Home**

Each ○ stands for 1 ball



(a) The numbers of shuttlecocks and _____
are the same. There are _____ of each type.

(b) The difference between the numbers of squash balls
and table tennis balls is _____.

Please do not write in the margin.

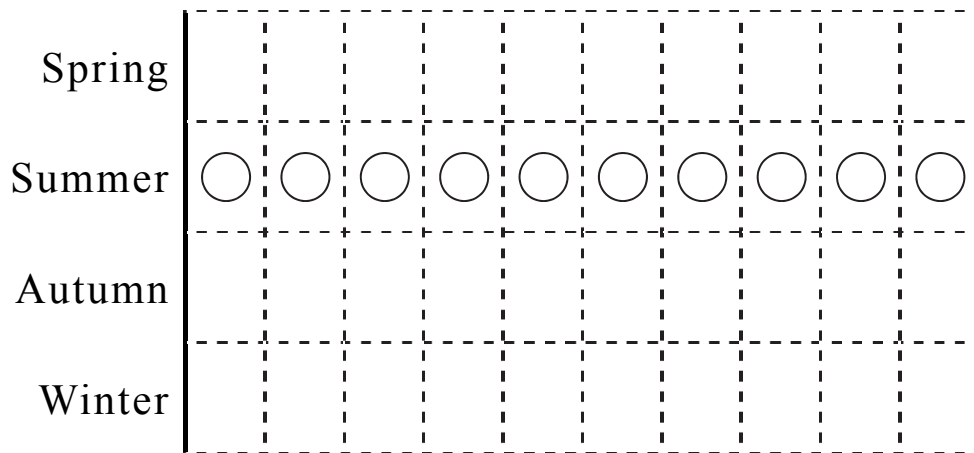
33. The pupils of P.3C voted for their favourite seasons with one person, one vote. The results are as follows:

Season	Spring	Summer	Autumn	Winter
Number of pupils	8	10	6	2

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

(Title)

Each ○ stands for 1 pupil



— END OF PAPER —