3 M E 1

Education Bureau
Territory-wide System Assessment 2020
Primary 3
Mathematics

CANCELLED

Gainful Use of TSA 2020 Materials

Instructions:

1. There are 36 questions in this test. Answer all questions.
2. Estimated time for completion is 40 minutes.
3. Write your answers in this Question-Answer Booklet.
4. Do not write in the margins.
5. Use of calculators is not allowed.
6. Do your rough work on rough work sheet.
7. 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) 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 thousands place.

The digit '6' is in the hundreds place.

The digit '4' is in the units place.

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

The digit '2' is in the tens place.

2. Write 'forty-five thousand and three' in numerals.

Answer: _____

3. $54 + 117 + 548 \ =$

○   A.   1 205

○   B.   719

○   C.   709

○   D.   171

4. $853 - 527 - 155 =$

○ A. 171

○ B. 181

○ C. 271

○ D. 326

5. $5 \times 378 = $ _____ $\times 5$

6. $938 \div 7 = $ _____

7. $816 - (278 + 43) = $ _____

8. Ken runs 235 minutes in 5 days. On average, he runs

_____ minutes each day.

9.
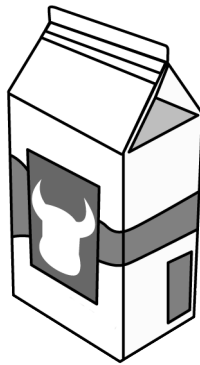
| 15 dollars 40 cents |

Joey buys 4 cartons of milk. She should pay

_____ dollars and _____ cents.

10. (a) $\dfrac{4}{4}$ is * smaller than / equal to / larger than $\dfrac{7}{7}$.

    (*Circle the answer)

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

    $\dfrac{\boxed{}}{5}$ is smaller than $\dfrac{3}{5}$.

11. In the following figure, what fraction of the whole is shaded?
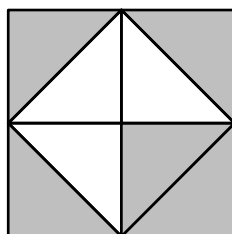
  ○ A. $\dfrac{3}{5}$

  ○ B. $\dfrac{4}{5}$

  ○ C. $\dfrac{3}{8}$

  ○ D. $\dfrac{5}{8}$

Please do not write in the margin.

12. There are some books in the classroom. $\frac{2}{17}$ of the

whole are comics, $\frac{8}{17}$ of the whole are story books

and $\frac{7}{17}$ of the whole are child magazines.

Most of the books are

* comics / story books / child magazines .

(*Circle the answer)

13. 10 can be

exchanged for _____ .

14. Fill in the following blanks with suitable units.

(a) A peach weighs about 200 _____ .

(b) The length of a football field is about 110 _____ .

Please do not write in the margin.

15.

$ 68.50

(a) A packet of rice costs

_____ dollars and _____ cents.

(b) Mary buys a packet of rice. Circle the amount she should pay.

Please do not write in the margin.

16. Use a ruler to measure the height of the robot in the diagram below.

?
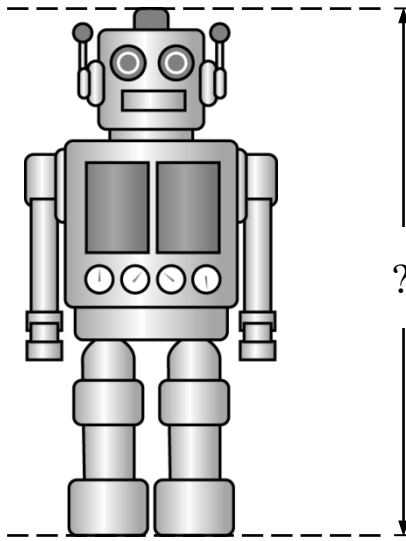
Its height is _____ cm.

17.
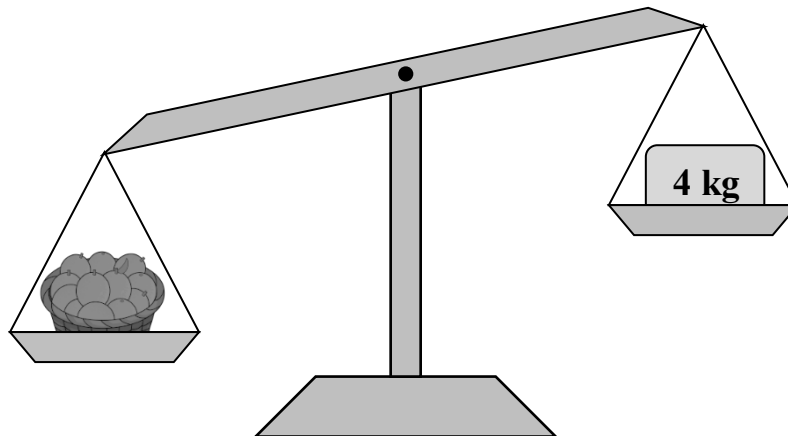
The weight of may be

○　A.　2 kg.

○　B.　3 kg.

○　C.　4 kg.

○　D.　5 kg.

18. Which of the following is most suitable for measuring the height of a crib?

○ A.

○ B.

○ C.

○ D.

Go on to the next page
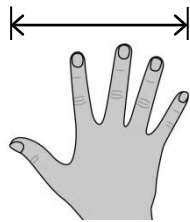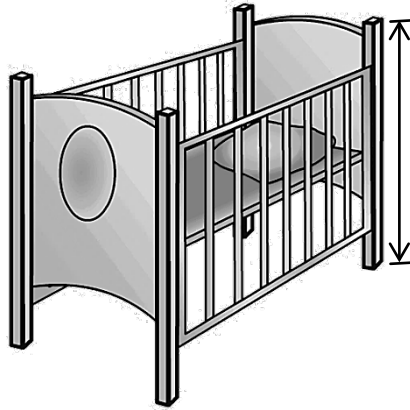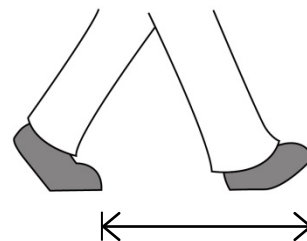
Please do not write in the margin.

Please do not write in the margin.

19. Answer the following questions according to the calendar for September below.

September

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) Judy has a painting class every Tuesday. She has _____ painting classes altogether in September.

(b) The painting competition is held on the 24ᵗʰ of September.

That day is _____ .
          (day of the week)

20. The two clocks below show the starting time and the finishing time of a Mathematics class.
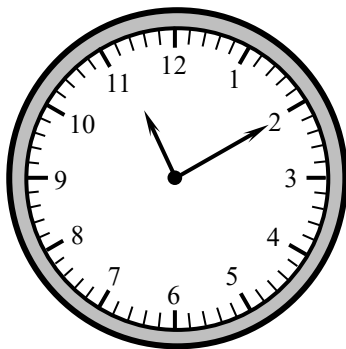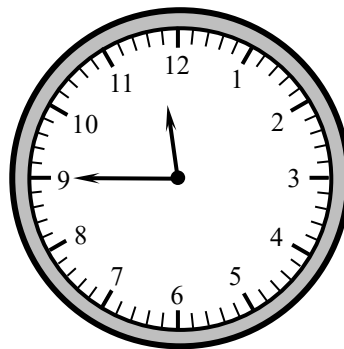
Starting Time   Finishing Time

(a) The Mathematics class starts at

_____ minute(s) past _____ in the

morning.

(b) The time is 11:20 a.m. now. The Mathematics class

has _____ minute(s) left.

21. Fill in the following blanks with suitable units.

(a) The height of a cup is about 9 _____ .

(b) A notebook computer weighs about 2 _____ .

22.
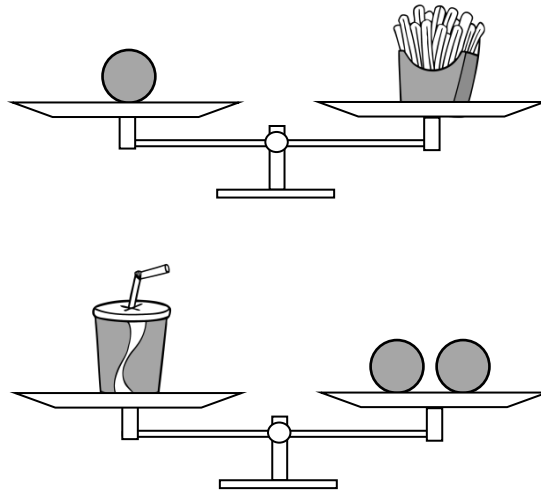
Study the diagram above. Which of the following is correct?
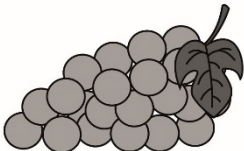
○ A. and weigh the same.

○ B. is heavier than .

○ C. is heavier than .

○ D. The weights of and

cannot be compared.

23.

The weight of is _____ g.

24.

 of water can fill up .
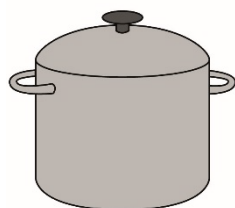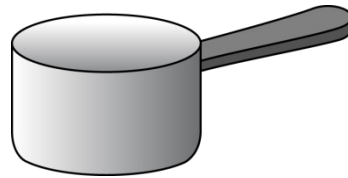
 of water can fill up .

 of water can fill up _____ .

25.
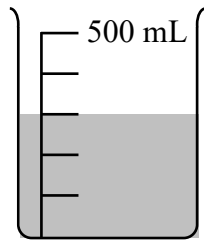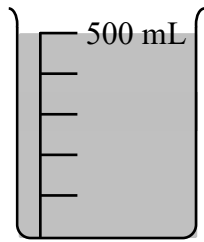
500 mL   500 mL   can fill up   .
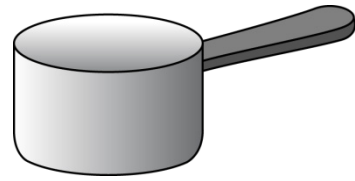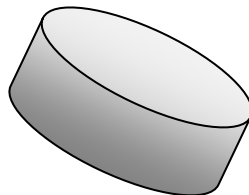
The capacity of   is _____ mL.

26. Study the 3-D shapes below. Write down all the letters for the answers.
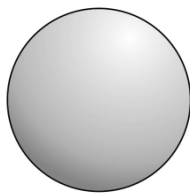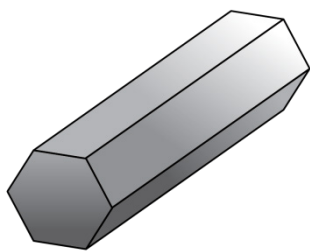
A.   B.   C.
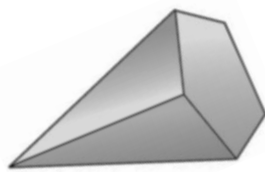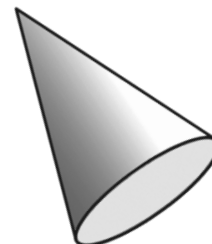
D.   E.
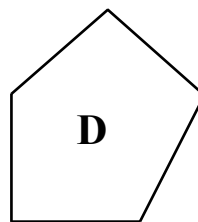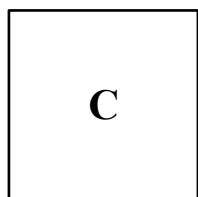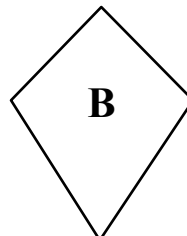
List:

(a) Prism(s): _____

(b) Sphere(s): _____

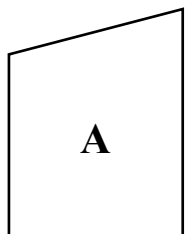27.

The 3-D shape above is a

○ A. pyramid.

○ B. prism.

○ C. cylinder.

○ D. hexagon.
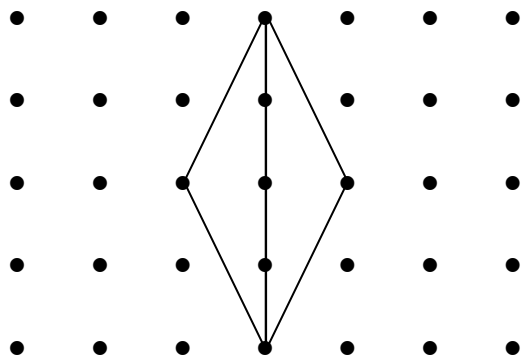
28. Study the 2-D shapes below. Write down all the letters for the answers.

List:

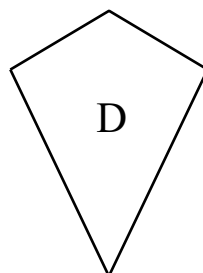(a) Trapezium(s): _____
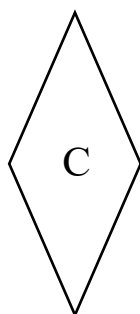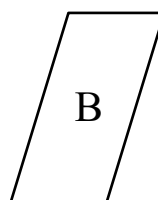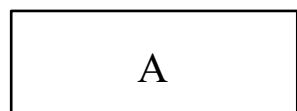
(b) Square(s): _____

29.

On the pin-board, Jason uses rubber bands to make two triangles. They are

* equilateral / right-angled / isosceles   triangles.

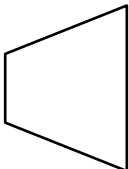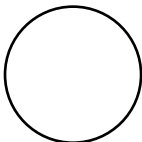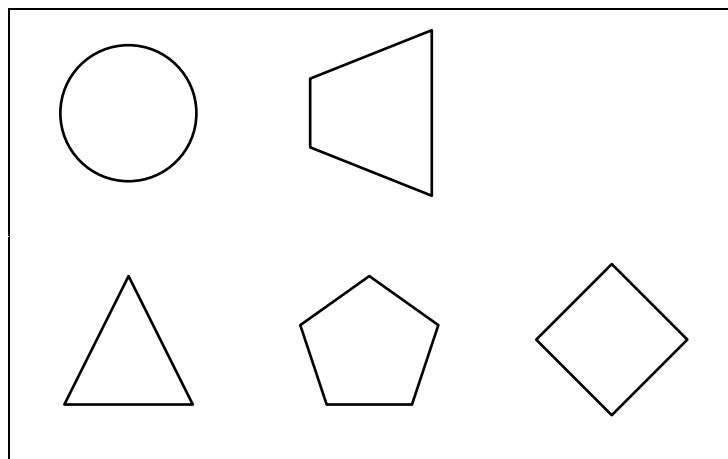(*Circle the answer)

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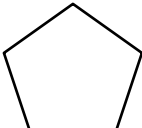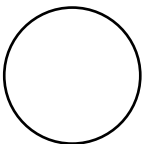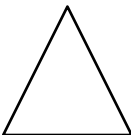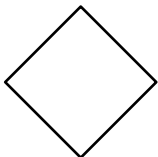

List:

(a)   Rhombus(es): _____

(b)   Rectangle(s): _____

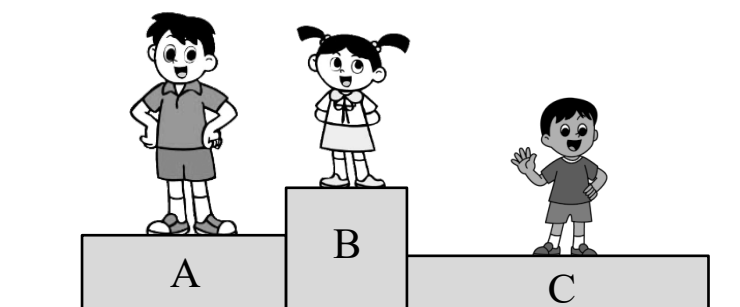31. The teacher puts different 2-D shapes on a whiteboard.

He puts [trapezium shape] on the right of [circle] .

The shape on the right of [pentagon] is

* [circle] / [triangle] / [diamond] .
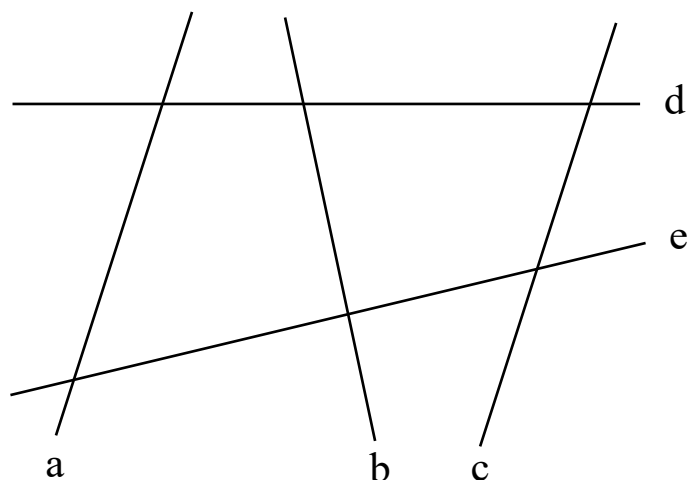
(*Circle the answer)

32.

In the diagram above, the highest stand is
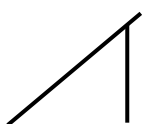
* A / B / C .
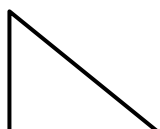
(*Circle the answer)

33.

In the diagram above, lines _____ and _____ are a pair of parallel lines.

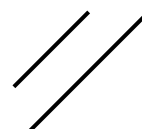34. Study the following figures. Write down the letter(s) for the answer.
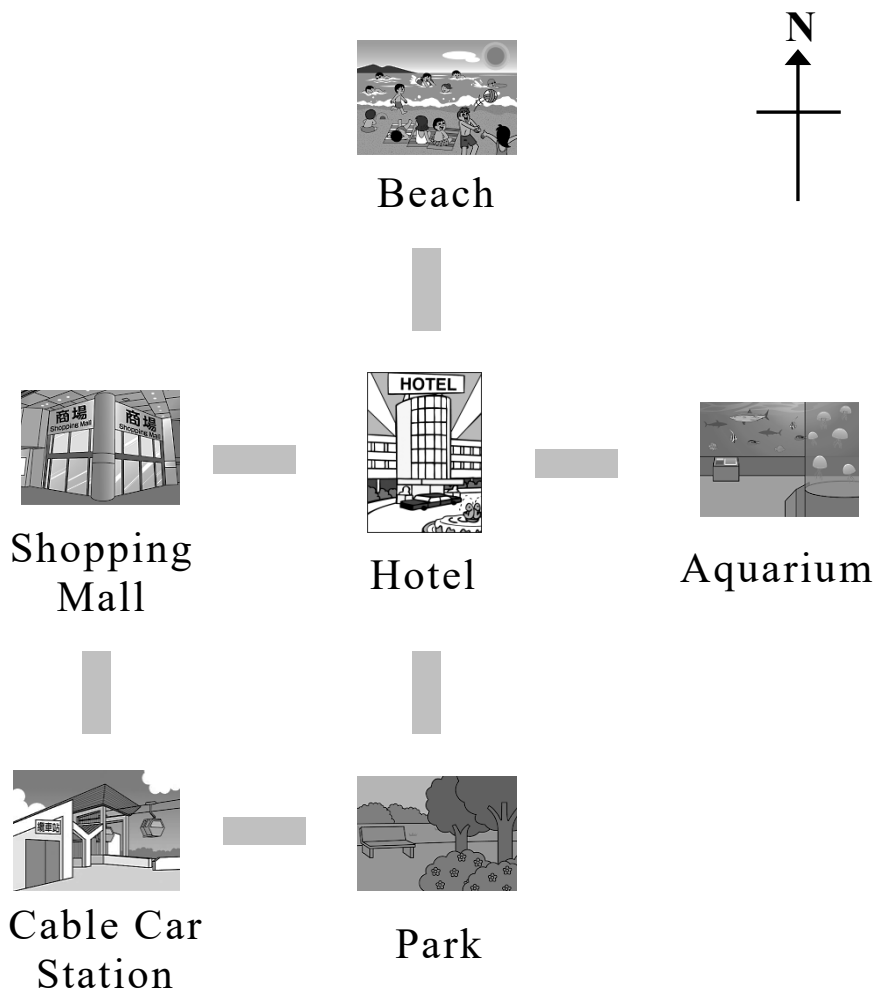

A.   B.   C.   D.

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

Answer: _____

35. The location map of a tourist area is shown below.

N

Beach

Shopping
Mall

Hotel

Aquarium

Cable Car
Station

Park

(a) * Shopping Mall / Beach / Aquarium

is to the west of Hotel.

(*Circle the answer)

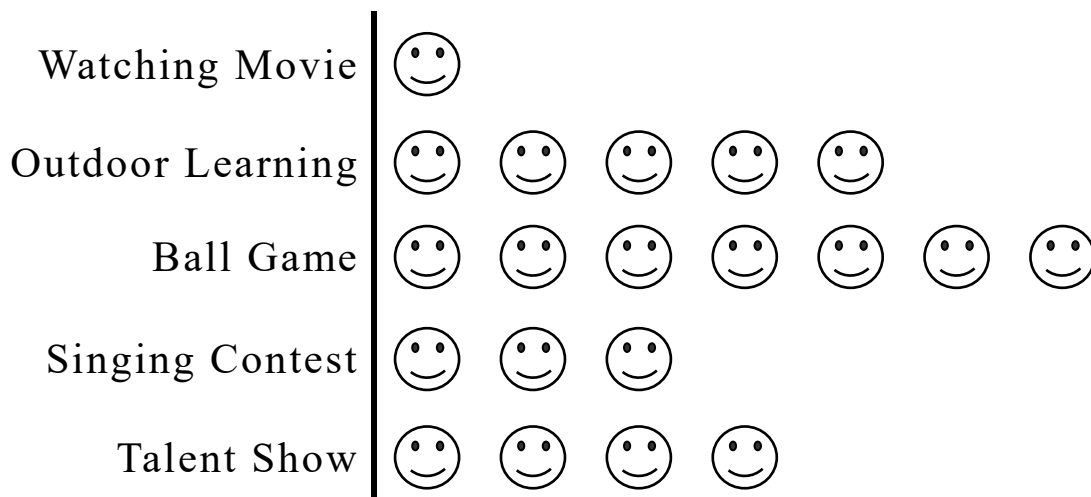(b) Shopping Mall is to the

* east / south / west / north of

Cable Car Station.

(*Circle the answer)

36. Mr Lee did a survey of the favourite post-exam activities of P.3D pupils.

Favourite Post-exam Activities of P.3D Pupils

Each ☺ stands for 1 pupil

Watching Movie	☺
Outdoor Learning	☺ ☺ ☺ ☺ ☺
Ball Game	☺ ☺ ☺ ☺ ☺ ☺ ☺
Singing Contest	☺ ☺ ☺
Talent Show	☺ ☺ ☺ ☺

(a) The number of pupils who favoured outdoor learning was _____ .

(b) The total number of pupils who favoured ball game and singing contest was _____ .

— END OF PAPER —