

3 M E 2

Education Bureau Territory-wide System Assessment 2020

athematics

Gainful Use of TSA 2020 Materials

Instructions:

- 1. There are 34 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.

Instruction	ons for answering questions:
	ole choice questions – Blacken the circle next to the correct answer with an HB pencil . cample:
	A
\bigcirc	R

O 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	
					A		

此格只許填寫一個大楷<u>英文</u>字母 Write one <u>capital letter</u> in this box

 \mathbf{C}

- 1. In the number 59 341, the digit '4' stands for
 - * 4 / 40 / 400 / 4000 / 4000

(*Circle the answer)

2. The following table shows the number of residents of the three estates.

	Estate A	Estate B	Estate C
Number of residents	15 430	15 780	14 384

Arrange the number of residents of the three estates from the smallest to the largest.

Please do not write in the margin.

- 3. | 345 + 267 =
- 4. | 764 36 273 =
 - O A. 131
 - O B. 455
 - O C. 465
 - O D. 728

$$3 \times 264 =$$

$$723 \div 5 =$$

 \bigcirc

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 C

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7.

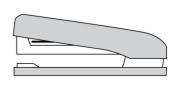
$$14 + 3 \times 2 =$$

8.

Each adult ticket of a museum costs 15 dollars and each child ticket costs 7 dollars. Mr Cheung buys 2 adult tickets and 1 child ticket. How much does he have to pay altogether?

Answer:

Please do not write in the margin.



22 dollars 50 cents



12 dollars 90 cents

Ronald buys a stapler and a pen. He should pay

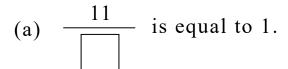
dollars and _____ cents altogether.

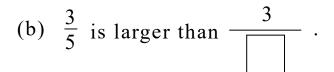
10. Joe has 8 ice lollies. $\frac{3}{4}$ of the whole are orange ice lollies and the rest are lemon ice lollies.



- (a) The number of orange ice lollies is ______.
- (b) of the whole are lemon ice lollies.

11. Fill in the boxes with suitable numbers.





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

$$\frac{4}{13}$$
 , $\frac{4}{7}$, $\frac{2}{13}$

Answer: , , , (Smallest)

13. Ms Lee pays the following amount to buy a piece of clothing.









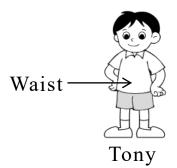




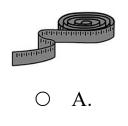
Please do not write in the margin.

Ms Lee pays _____ dollars for the piece of clothing.

14.



Which of the following is most suitable for measuring the waistline of Tony?





О В.





O C.

O D.

Please do not write in the margin.



\$ 7.60

(a) A can of soft drink costs

_____ dollars and _____ cents.

(b) John pays



to buy a can of soft drink.

Circle the change returned to John by the shopkeeper.

















Flease do not write in the margin.

Compare the lengths of the pencil, the

Compare the lengths of the pencil, the comb and the remote control above.

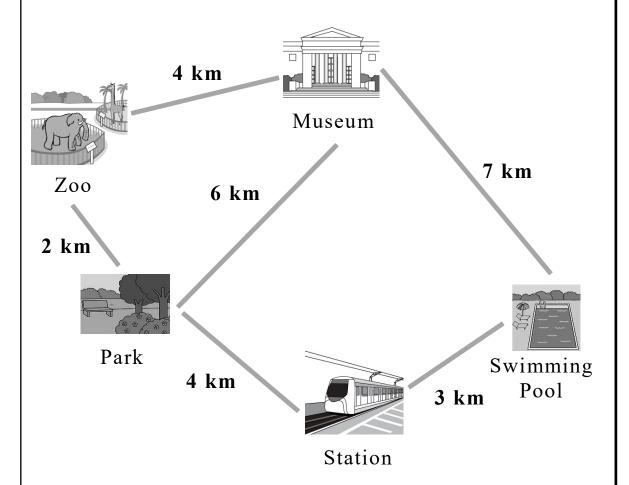
The * pencil / comb / remote control is the longest.

(*Circle the answer)

Please do not write in the margin.

16.

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



- (a) It is only 7 km from Park to Swimming Pool passing ______.
- (b) The shortest route from Swimming Pool to Zoo is _____ km.

18. Tom Peter Betty

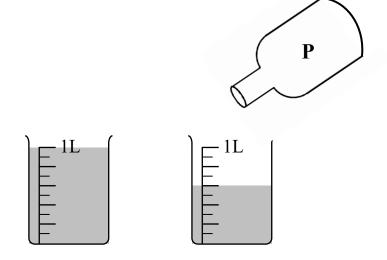
Study the above seating plan.

* Betty / Tom / Peter is farthest from the screen. (*Circle the answer)

Please do not write in the margin.

Screen

19. Fill up container **P** with water. Then pour all the water into two empty measuring cups.



The capacity of container P is _____ mL.

20. Fill in the following blank with a suitable unit.

The distance between Hong Kong and Macau is about 66 _____ .

21.



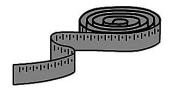
Which of the following is most suitable for measuring the weight of a mango?







 \circ



Э **В**.



O D.

22. 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) The Music Concert is held on the fourth Saturday of April.

Please do not write in the margin.

That day is the _____ of ____ (month)

(b) Drama Festival starts on the 15th of April. It lasts

for 5 days. Leon performs on the third day.

That day is _____ (day of the week)



- Henry goes to the theme park today. He arrives at the theme park at theme park at the line park at line pa
 - (a) Henry arrives at

 _____ minute(s) past _____ in the

 * morning / afternoon .
 - (*Circle the answer)
 - (b) He leaves the theme park at



He stays in the theme park for

_____ hour(s) and _____ minute(s).

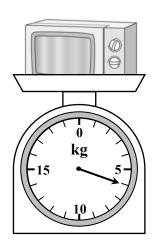
Departure Time	
12:25	
13:25	
14:25	
15:25	
16:25	
17:25	
18:25	
19:25	
20:25	

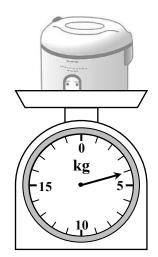
(a) The last tour bus departs at

_____ minute(s) past _____ in the afternoon.

Please do not write in the margin.

(b) It is lead now. The next tour bus will depart in ____ minute(s).





(a) The weight of



is _____ kg.

(b)



is _____ kg * lighter / heavier





(*Circle the answer)



A.



В.





D.

Please do not write in the margin.

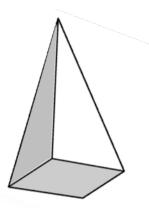
27. Study the diagram below. Arrange the angles x, y and z from the smallest to the largest.





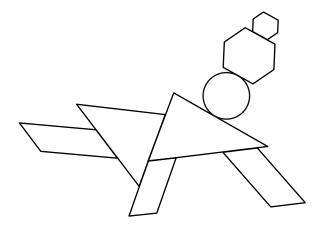
Answer: (Smallest) (Largest)

28.



The 3-D shape above is a

- A. quadrilateral.
- B. prism.
- C. pyramid.
- D. cone.
- 29. Tiffany uses different 2-D shapes to form a picture.



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

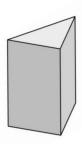
30. Study the 3-D shapes below. Write down all the letters for the answers.



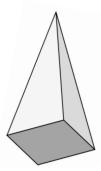
A.



В.



C.



D.

Please do not write in the margin.

List:

- (a) Cylinder(s): _____
- (b) Pyramid(s): _____
- 31. Study the letters below. Write down all the answers.

K

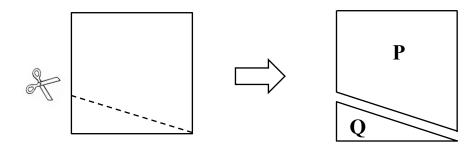
G



List:

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

32.



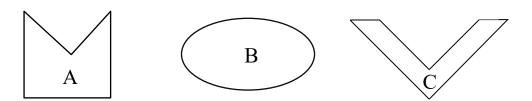
Angus cuts the square along the dotted line.

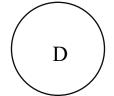
He gets one trapezium and one triangle. Figure Q is

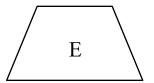
a right-angled / an equilateral / an isosceles triangle.

(*Circle the answer)

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







List:

- Pentagon(s): (a)
- Trapezium(s): ___ (b)

34.	Miss Leung did a survey of the favourite musical instruments of P.3A pupils. Favourite Musical Instruments of P.3A Pupils							
	Each Co					s for 1 pupil		
	(
	(••			
					••			
					••			
	Pi	iano	Drum	Flute	Violin	Recorder		
	(a)	The n	umber of p	oupils who fa	ivoured th	ie recorder		
was * more / less					than th	at of		
pupils who favoured the piano.								
		(*Circ	ele the ansv	wer)				
(b) There was the same number of pupils v						who favoured		
		the flu	ite and the		The number of			
pupils who favoured each of these two musica instruments was						musical		
— END OF PAPER —								