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Please stick the barcode label in the box

Education Bureau
Territory-wide System Assessment 2021
Primary 3
Mathematics

Instructions:

1. Stick barcode labels on pages 1, 3, 5, 7 and 9 in the spaces provided.
2. There are 32 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			
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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 '7' is in the tens place.

The digit '3' is in the thousands place.

The digit '2' is in the hundreds place.

The digit '8' is in the ten thousands place.

The digit '5' is in the units place.

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2. In which of the following numbers is the digit '3' in the tens place?

- ☐ A. 4 308
- ☐ B. 34 875
- ☐ C. 74 563
- ☐ D. 91 230

3. Write 'seventy thousand and thirty-four' in numerals.

Answer: _____

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Please do not write in the margin.

4. $263 + 118 + 345 =$ _____

5. $564 - 238 - 127 =$

☐ A. 199

☐ B. 209

☐ C. 219

☐ D. 326

6. $408 \times 7 =$ _____

7. $975 \div 3 =$ _____

8. $653 - (68 + 357) =$ _____

Please do not write in the margin.

Please do not write in the margin.

9. There are 677 newspapers in Tom's shop at first.

He sells 358 newspapers in the morning and

113 newspapers in the afternoon.

There are _____ newspapers left.

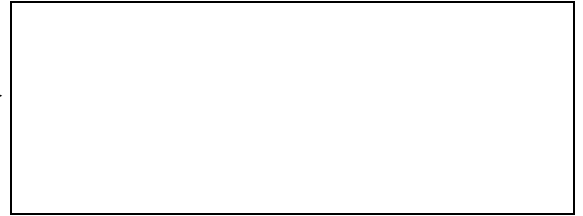
10. Each flower costs 7 dollars. Joe pays with a 100-dollar note to buy 4 flowers. How much change does he get?

(Show your working)



Please do not write in the margin.

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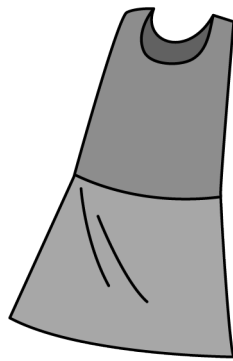


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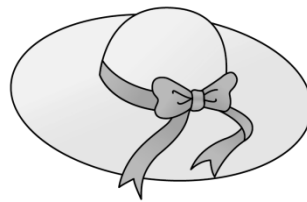
11. Adam buys 7 boxes of chicken wings. There are 302 chicken wings in each box. He buys a total of _____ chicken wings.

12. Betty has 340 dollars of pocket money at first. Her father gives her 85 dollars more. Then she spends 122 dollars to buy toys. Betty has _____ dollars left.

13.



136 dollars

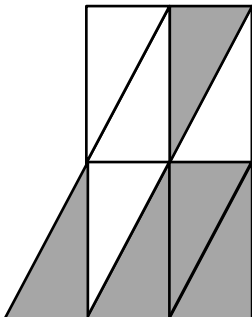


47 dollars and 50 cents

Joey buys a dress and a hat. She should pay _____ dollars and _____ cents altogether.

Please do not write in the margin.

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



- ☐ A. $\frac{3}{5}$
☐ B. $\frac{4}{5}$
☐ C. $\frac{4}{9}$
☐ D. $\frac{5}{9}$

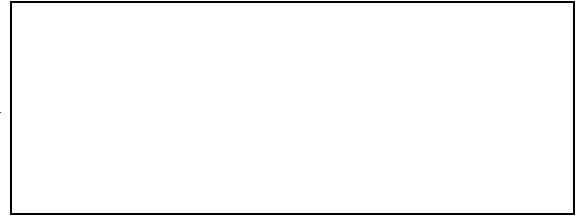
15. (a) $\frac{5}{5}$ is * smaller than / equal to / larger than 5 .

(*Circle the answer)

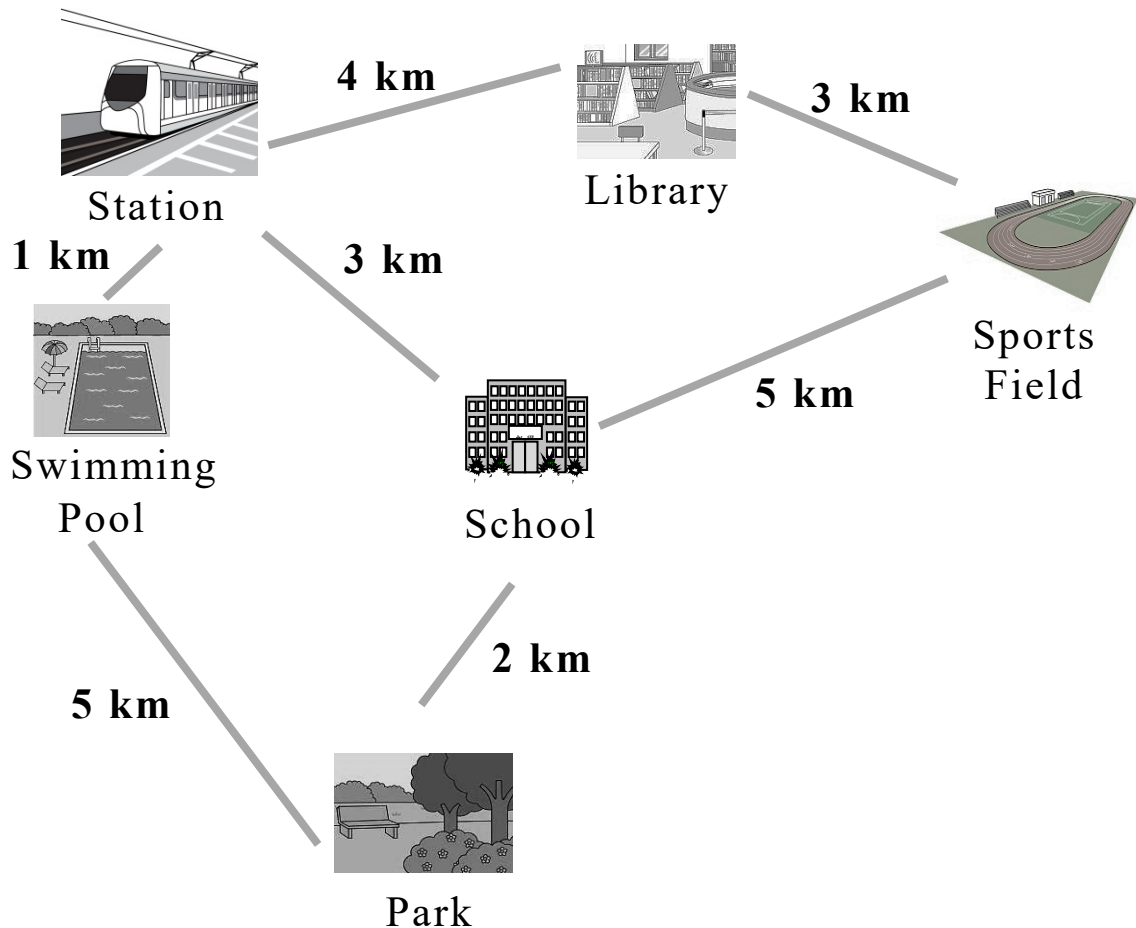
- (b) Fill in the box with a suitable number.

$$\frac{\boxed{}}{7} \text{ is larger than } \frac{3}{7} .$$

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



- (a) It is only 7 km from Sports Field to Station passing _____ .
- (b) The shortest route from Park to Station is _____ km.

Please do not write in the margin.

Please do not write in the margin.

17. Mandy pays the following amount for dinner.



Mandy pays _____ dollars for dinner.

18.



\$ 57.20

- (a) One toy plane costs _____ dollars and _____ cents.
- (b) Henry buys one toy plane. Circle the amount he should pay.



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

July						
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	31

- (a) The graduation ceremony is held on the second Friday of July.

That day is the _____ of _____ .
(month)

- (b) Mary has a piano class every Monday.

She has _____ piano classes in July.

Please do not write in the margin.

Please do not write in the margin.



20. The opening hours of a cafe on one day are shown below.

<p>Opening Hours 13:30 – 20:30</p>

- (a) The cafe closes at

_____ : _____ * a.m. / p.m.

(*Circle the answer)

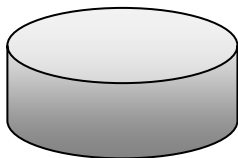
- (b) The cafe is open for _____ hour(s) in a whole day.

21. Fill in the following blanks with suitable units.

(a) The weight of a basketball is about 600 _____ .

(b) The length of a classroom is about 10 _____ .

22.

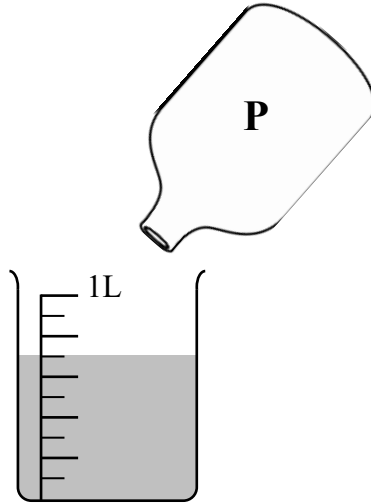


The 3-D shape above is a

- ☐ A. prism.
- ☐ B. pyramid.
- ☐ C. cylinder.
- ☐ D. circle.

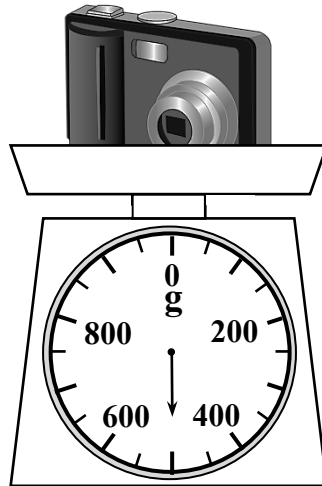
Please do not write in the margin.

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



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

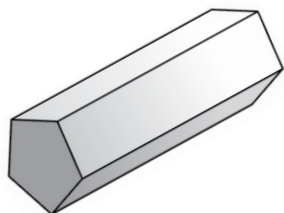
- 24.



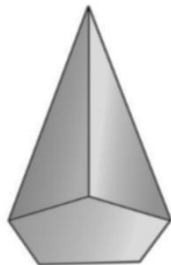
The weight of  is _____ g.

Please do not write in the margin.

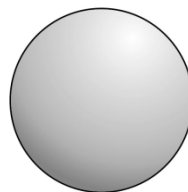
25. Study the 3-D shapes below. Write down all the letters for the answers.



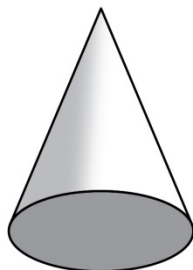
A.



B.



C.



D.



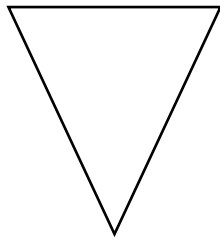
E.

List:

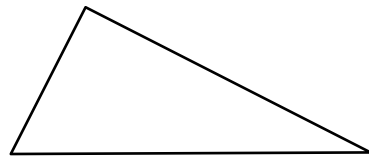
(a) Prism(s): _____

(b) Cone(s): _____

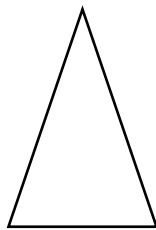
26. Which of the following is a right-angled triangle?



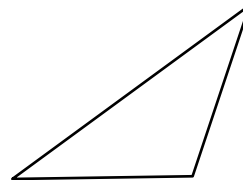
☐ A.



☐ B.

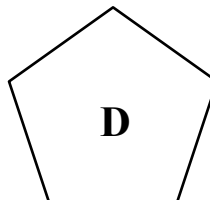
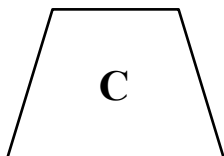
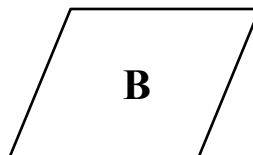
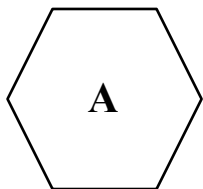


☐ C.



☐ D.

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

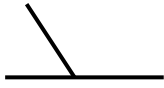


List:

(a) Hexagon(s): _____

(b) Parallelogram(s): _____

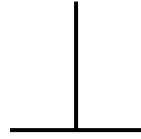
28. Study the following figures. Write down the letter(s) for the answer.



A.



B.



C.

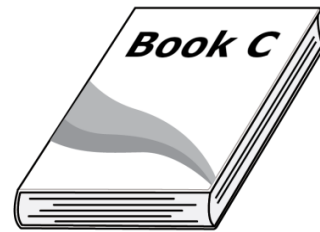
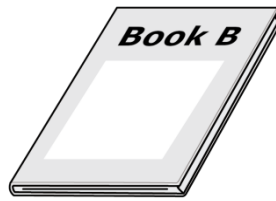


D.

List the figure(s) formed by a pair of parallel lines.

Answer: _____

29.

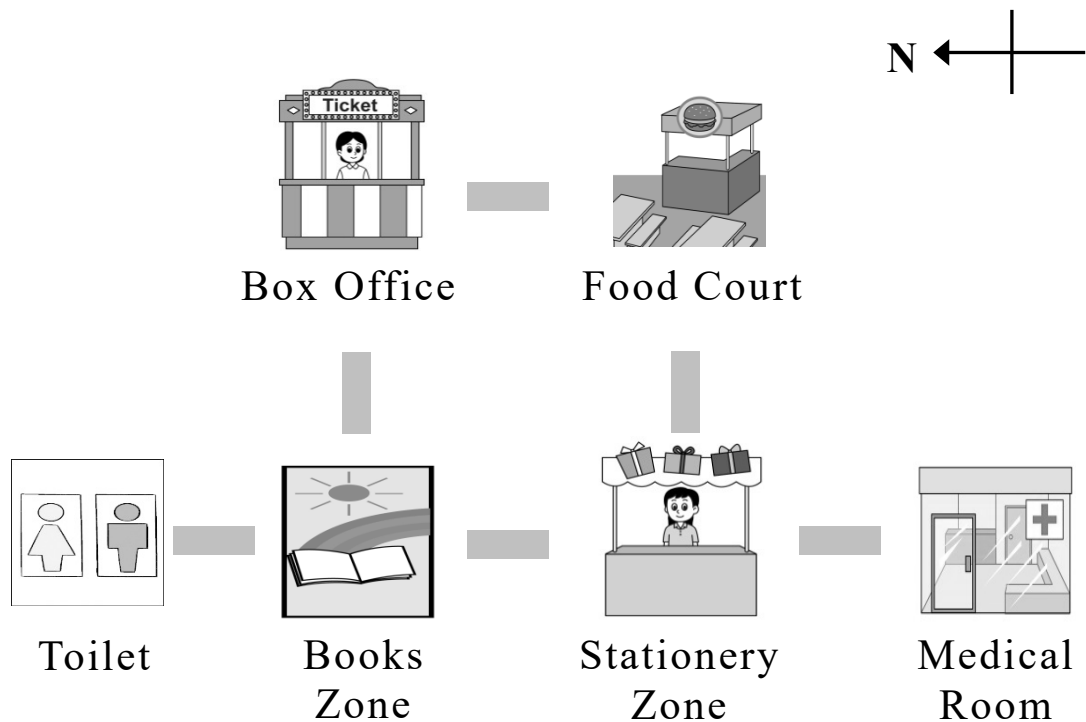


Study the figures above. Which book is the thickest?

Answer: * Book A / Book B / Book C

(*Circle the answer)

30. The location map of a book fair is shown below.



- (a) * Box Office / Stationery Zone / Toilet
is to the north of Books Zone.


(*Circle the answer)

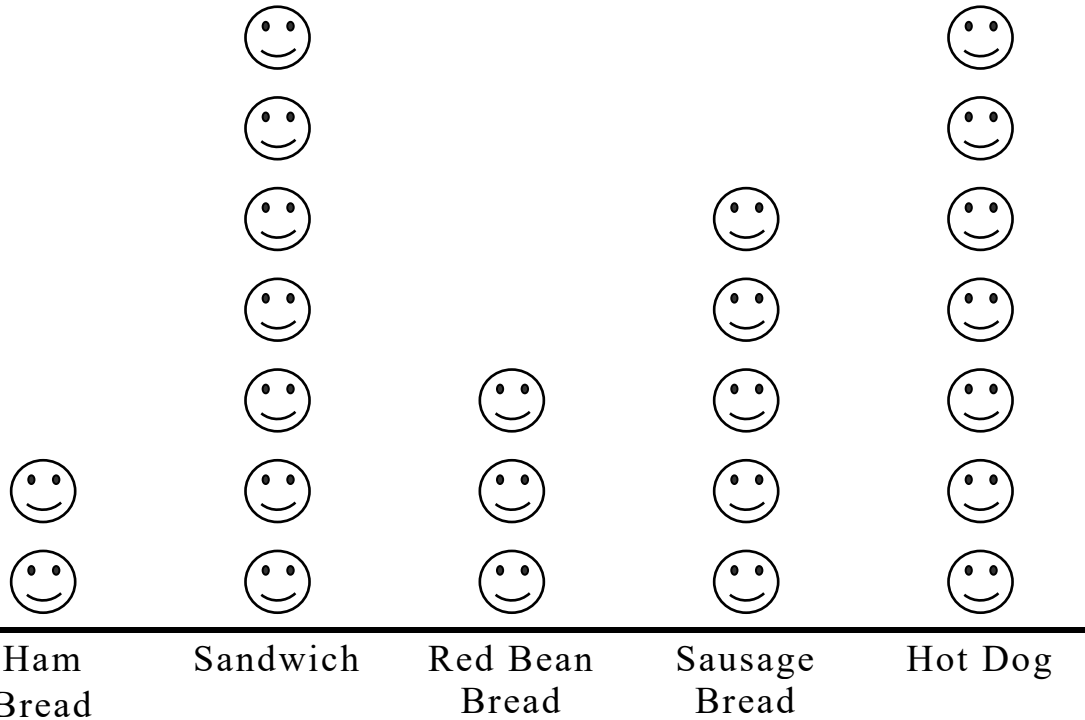
- (b) * Food Court / Books Zone / Medical Room
is to the east of Stationery Zone.

(*Circle the answer)

31. Miss Chan did a survey of the favourite kinds of bread of P.3A pupils.

Favourite Kinds of Bread of P.3A Pupils

Each  stands for 1 pupil



- (a) The number of pupils who favoured red bean bread was _____ .
- (b) There was the same number of pupils who favoured hot dog and _____ . The number of pupils who favoured each of these two kinds of bread was _____ .

32. The pupils of P.3B voted for their favourite insects with one person, one vote.

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

Insect	Butterfly	Bee	Dragonfly	Grasshopper
Record				
Number of pupils				

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

(Title)

Each ○ stands for 1 pupil

○			
○			
○			
○			
○			
○			
○			
○			

Butterfly

Bee

Dragonfly

Grasshopper

— END OF PAPER —

