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Please stick the barcode label in the box

Education Bureau
Territory-wide System Assessment 2018
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			
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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

Please do not write in the margin.

1. In which of the following numbers is the digit '5' in the thousands place?

- ☐ A. 510
- ☐ B. 6 305
- ☐ C. 57 180
- ☐ D. 95 420

2. In the number 26 583, the digit '2' stands for

* 2 / 20 / 200 / 2 000 / 20 000 .

(*Circle the answer)

3. Write 'eighty thousand three hundred and forty' in numerals.

Answer: _____

4. $138 + 479 =$ _____

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5. $758 - 659 =$ _____

6. $607 \times 9 =$ _____

7. $762 \div 6 =$ _____

8. $210 - 10 \times 8 =$

☐ A. 80

☐ B. 130

☐ C. 200

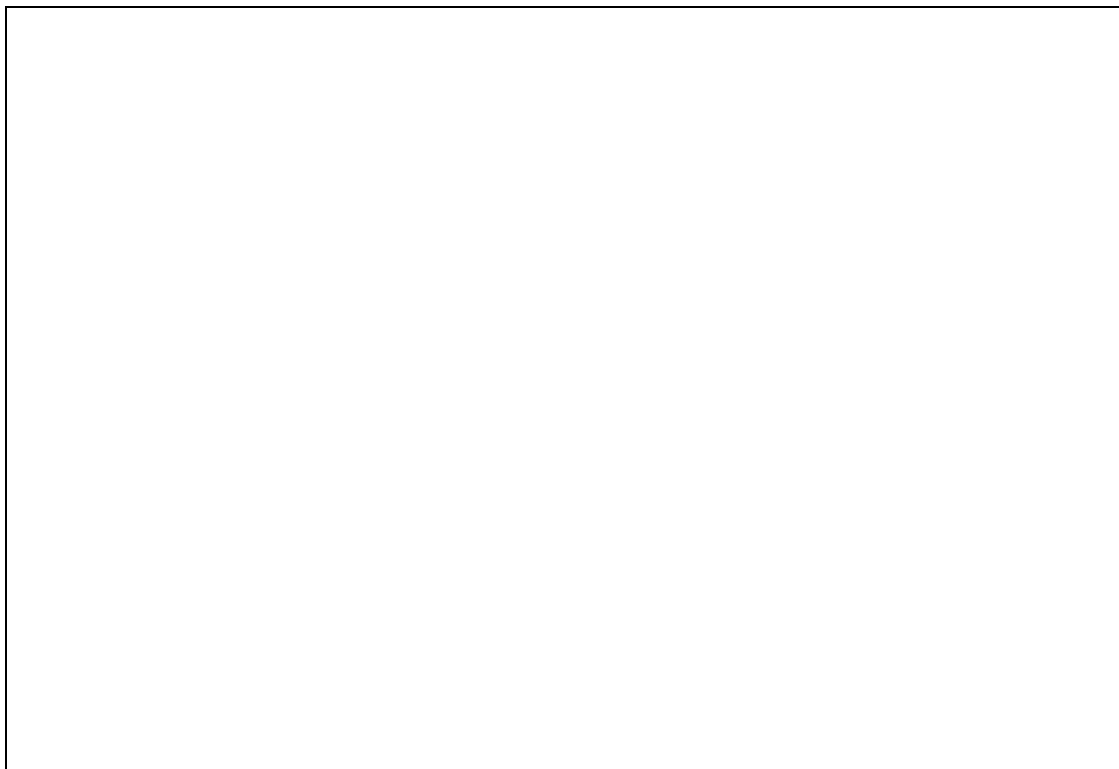
☐ D. 1 600

Please do not write in the margin.

Please do not write in the margin.

9. There are 36 chairs in each classroom. The total number of chairs in 4 classrooms is _____ .

10. Linda goes to watch a movie with her classmates.
She pays 246 dollars for 3 student tickets.
How much does each student ticket cost?
(Show your working)



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11.



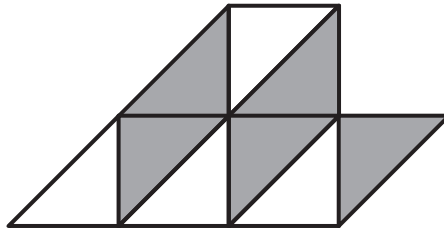
There are 8 eggs at home originally. Mother buys
3 boxes of eggs from the market. Each box has 6 eggs.
How many eggs are there at home now?
(Show your working)

Please do not write in the margin.

Please do not write in the margin.



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



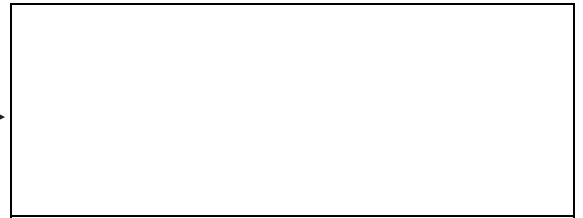
- A. $\frac{3}{7}$
- B. $\frac{4}{9}$
- C. $\frac{5}{9}$
- D. $\frac{4}{5}$

13. Fill in the boxes with suitable numbers.

(a) $\frac{\boxed{}}{5} = 1$

(b) $\frac{4}{9}$ is smaller than $\frac{\boxed{}}{9}$.

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Please do not write in the margin.

14. There are some fruits in a basket. $\frac{1}{6}$ of the whole are peaches, $\frac{1}{2}$ of the whole are pears and $\frac{1}{3}$ of the whole are oranges.

Most of the fruits are * peaches / pears / oranges .

(*Circle the answer)

15. Peter's pocket money is shown below.



Peter has _____ dollars of pocket money altogether.

Please do not write in the margin.

16.



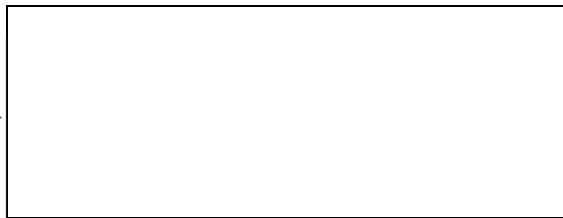
- (a) A packet of potato chips costs _____ dollars
and _____ cents.

- (b) Betty pays  to buy a packet of potato chips.

Circle the change returned to Betty by the
shopkeeper.

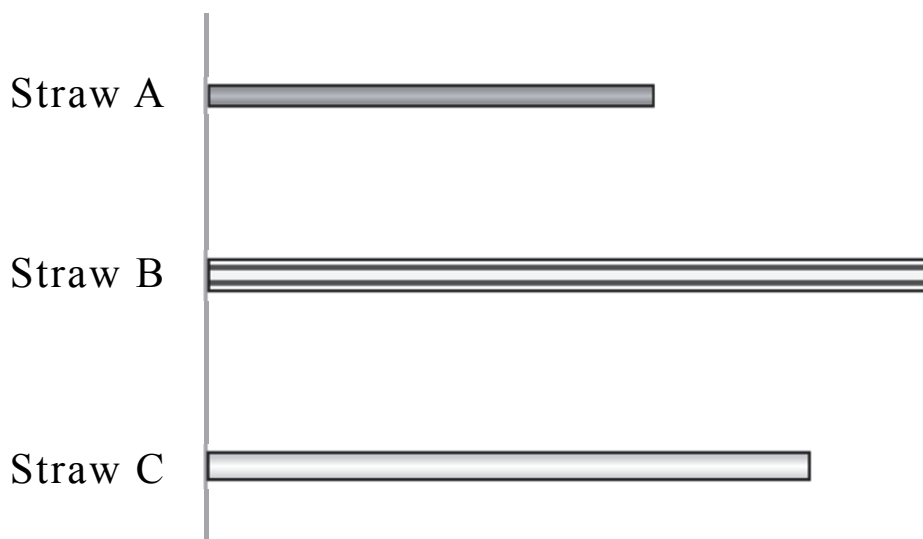


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Please do not write in the margin.

17. Compare the lengths of the three straws below. Arrange them from the longest to the shortest. Write the letters for the answer.



Answer: _____ , _____ , _____
(Longest) (Shortest)

18. Fill in the following blanks with suitable units.

(a) A bicycle  weighs about 9 _____ .

(b) A pencil box is about 18 _____ long.

Please do not write in the margin.

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

December						
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

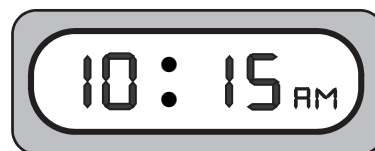
- (a) Sports Day is held on the third Friday of December.

That day is the _____ of _____ .
(month)

- (b) Christmas is on the 25th of December.

That day is _____ .
(day of the week)

20. A mathematics competition starts at



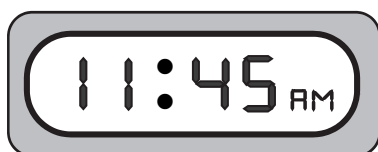
- (a) The mathematics competition starts at

_____ minute(s) past _____ in the

* morning / afternoon .

(*Circle the answer)

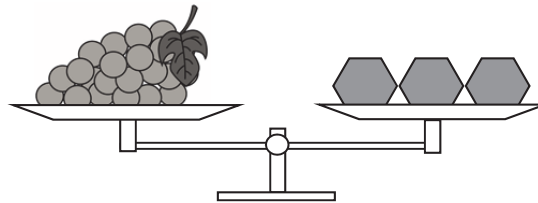
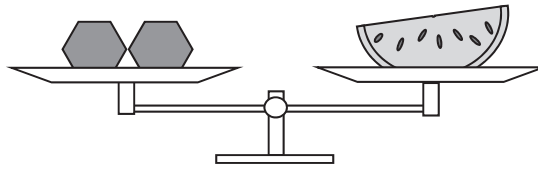
- (b) The mathematics competition ends at



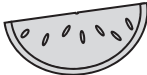
It lasts for _____ hour(s) and

_____ minute(s).

21.



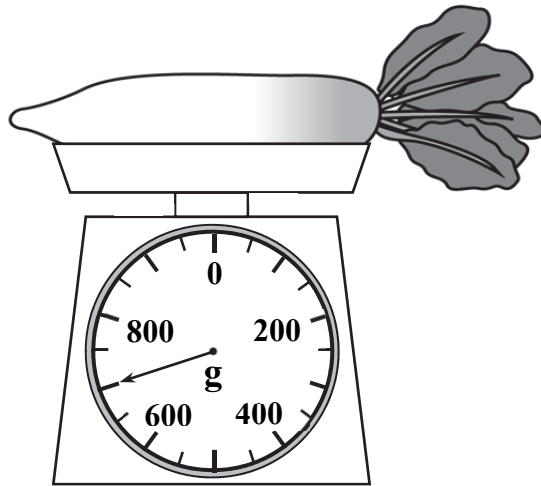
Study the diagram above. Which of the following is correct?

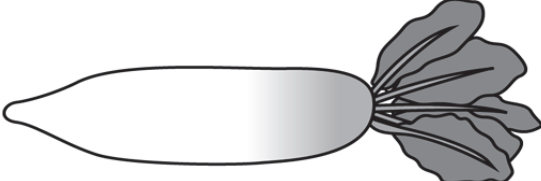
- ☐ A.  is heavier than .
- ☐ B.  is heavier than .
- ☐ C.  and  weigh the same.
- ☐ D. The weights of  and  cannot be compared.

Please do not write in the margin.

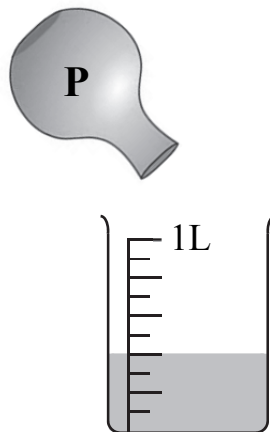
Please do not write in the margin.

22.



The weight of  is _____ grams.

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

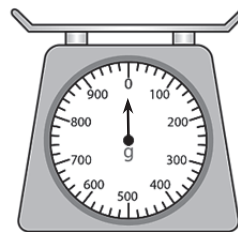


The capacity of container **P** is _____ mL.

24. Which of the following is most suitable for measuring the distance jumped by a student in the long jump event?



☐ A.



☐ B.



☐ C.



☐ D.

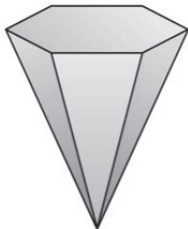
25.



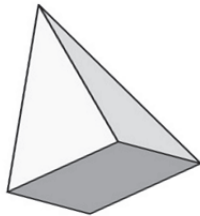
The 3-D shape above is a

- ☐ A. triangle.
- ☐ B. pyramid.
- ☐ C. cone.
- ☐ D. cylinder.

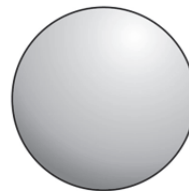
26. Study the 3-D shapes below. Write down all the letters for the answers.



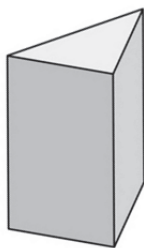
A.



B.



C.



D.



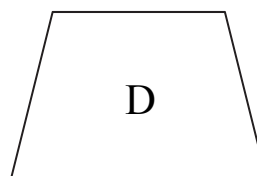
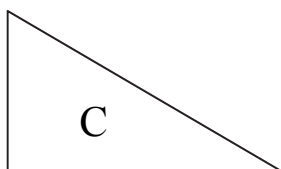
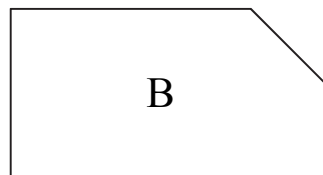
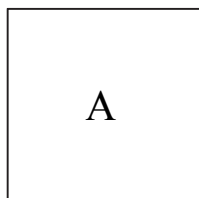
E.

List:

(a) Prism(s): _____

(b) Sphere(s): _____

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

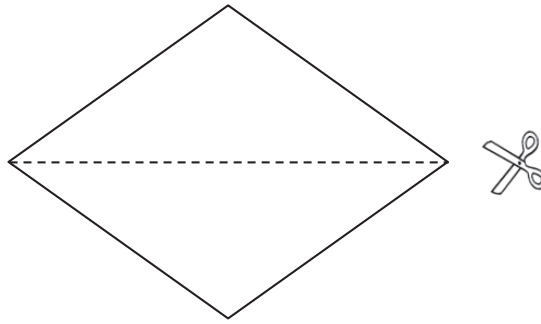


List:

(a) Pentagon(s): _____

(b) Trapezium(s): _____

28.



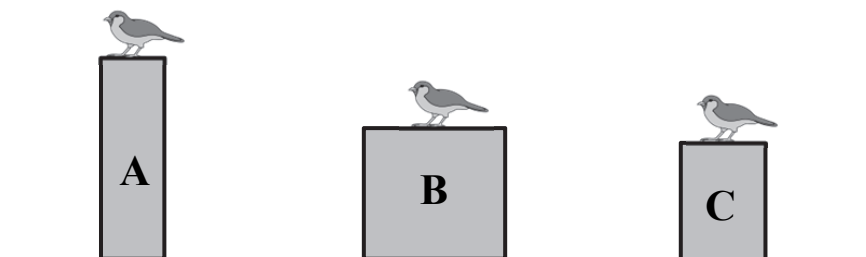
Mary cuts the rhombus above along the dotted line.

She can get two

* right-angled / isosceles / equilateral triangles.

(*Circle the answer)

29.



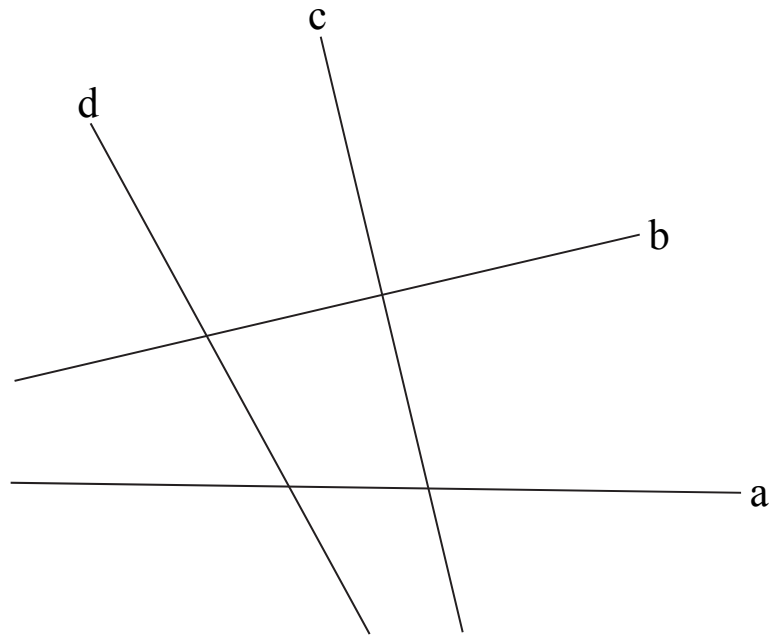
In the diagram above, the highest stand is

* A / B / C .

(*Circle the answer)

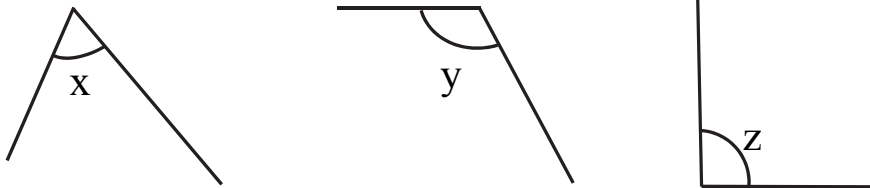
Please do not write in the margin.

30. Study the following figure. Write down the letters for the answers.



Lines _____ and _____ are a pair of perpendicular lines.

31.



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

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

Please do not write in the margin.

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

Favourite Pets of P.3A Pupils

Each 😊 stands for 1 pupil



- (a) The number of pupils who favoured cats was _____ .
- (b) The difference between the number of pupils who favoured birds and that of pupils who favoured rabbits was _____ .

33. Miss Ho did a survey of the favourite subjects of P.3C pupils. The results are as follows:

Subject	Mathematics	General Studies	Computer Studies	Visual Arts
Number of pupils	8	5	6	7

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

(Title)

Each ○ stands for 1 pupil

Mathematics	○	○	○	○				
General Studies	○	○	○	○				
Computer Studies	○	○	○	○				
Visual Arts	○	○	○	○				

— END OF PAPER —