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Please stick the barcode label in the box

Education Bureau
Territory-wide System Assessment 2022
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

1. In the number 72 653, the digit '2' stands for

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

(*Circle the answer)

2. The following table shows the number of sales of three types of bags.

	Bag A	Bag B	Bag C
Number of sales	31 054	31 504	31 405

Arrange the number of sales from the smallest to the largest.

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

3. $173 + 218 =$ _____

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4. $582 - 236 - 151 =$

- ☐ A. 346
- ☐ B. 295
- ☐ C. 205
- ☐ D. 195

5. $523 \times 7 =$ _____

6. $858 \div 6 =$ _____

7. $430 - 8 \times 4 =$

- ☐ A. 398
- ☐ B. 402
- ☐ C. 422
- ☐ D. 1 688

Please do not write in the margin.

8. Mother buys 5 packets of biscuits. There are 8 biscuits in a packet. After she eats 4 biscuits, there are _____ biscuits left.

9. Sally needs 6 roses to make a bouquet of flowers. Sally has 362 roses. She can make _____ bouquets of flowers at most.

10. Terry does Mathematics online exercises. He got 235 points yesterday. Today he gets 107 points more than what he got yesterday. Today he gets

- ☐ A. 128 points.
- ☐ B. 252 points.
- ☐ C. 332 points.
- ☐ D. 342 points.

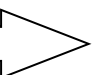
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11. There are 782 cakes in Kitty's bakery at first. She sells 438 cakes in the morning and 292 cakes in the afternoon. How many cakes are left?
(Show your working)

Please do not write in the margin.



12.



Pumpkin
22 dollars 30 cents



Onion
5 dollars

Helen buys a pumpkin and an onion. She should
pay _____ dollars and _____ cents altogether.

13. $\frac{4}{4}$ is * smaller than / equal to / larger than 4.

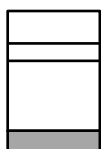
(*Circle the answer)

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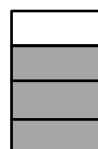


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14. Which figure below shows $\frac{1}{4}$ of the whole is shaded?



☐ A.



☐ B.



☐ C.



☐ D.

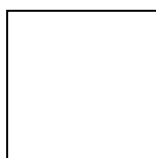
15. Arrange the following fractions from the largest to the smallest.

$$\frac{5}{11}, \frac{5}{6}, \frac{2}{11}$$

Answer :



,



,



(Largest)

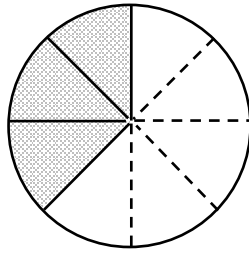
(Smallest)

Please do not write in the margin.

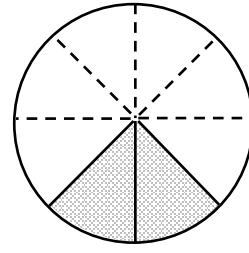


16. Father buys a pizza. Henry eats $\frac{3}{8}$ of the pizza. Tom eats $\frac{2}{8}$ of the pizza. How much of the pizza do they eat altogether?

Henry eats:



Tom eats:



(Show your working)

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17.



\$ 14.70

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



- (b) Queenie pays _____ to buy a packet of peanuts. Circle the change returned to Queenie by the shopkeeper.



Please do not write in the margin.

Please do not write in the margin.

18. Tommy pays the following amount for a toy.



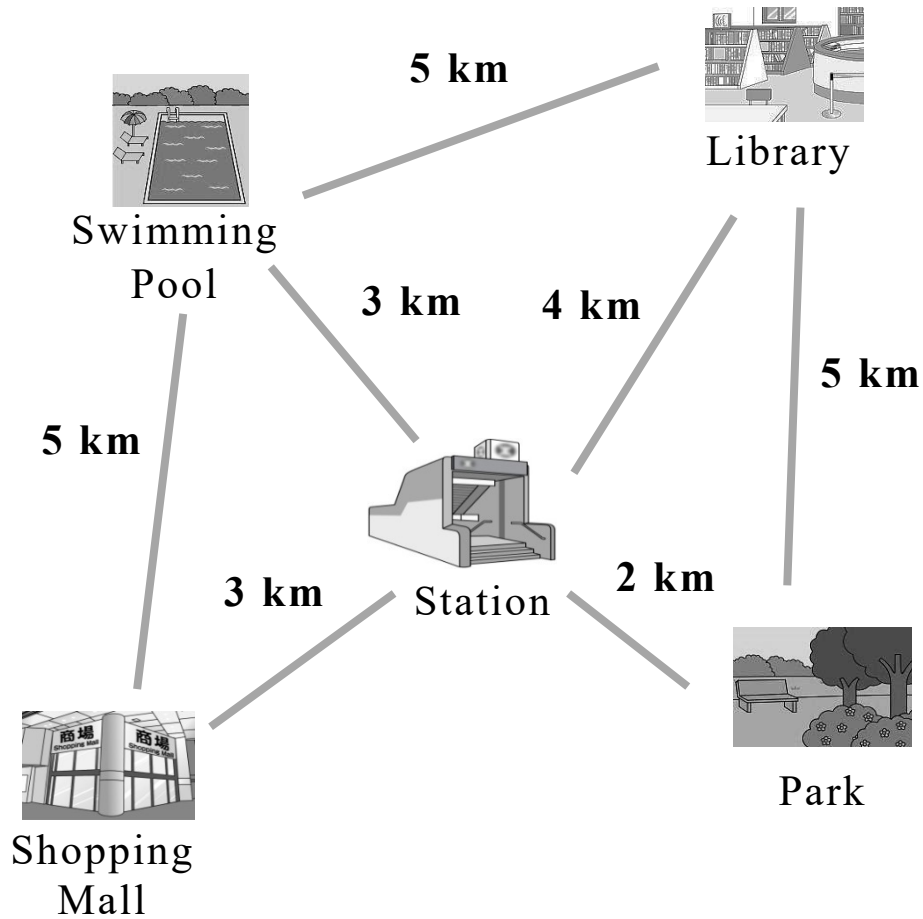
Tommy pays _____ dollars for the toy.

19. Fill in the following blanks with suitable units.

(a) The thickness of a student handbook is
about 7 _____ .

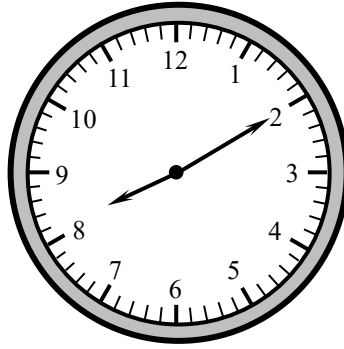
(b) The weight of a baby is about 3 _____ .

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



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

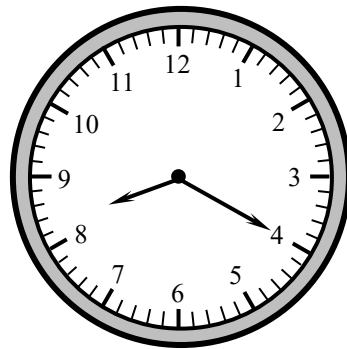
21.



The clock above shows the starting time of a school lesson.

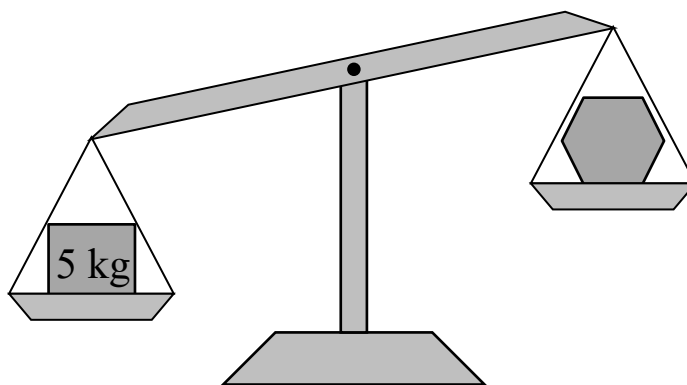
- (a) The starting time of the school lesson is at _____ minute(s) past _____ in the morning.


- (b) Martin arrives at school at



He is _____ minute(s) late.

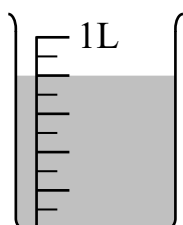
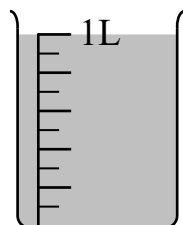
22.



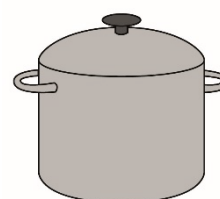
The weight of  may be

- ☐ A. 4 kg.
- ☐ B. 5 kg.
- ☐ C. 6 kg.
- ☐ D. 7 kg.

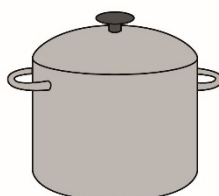
23.



can fill up



The capacity of

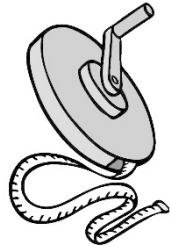
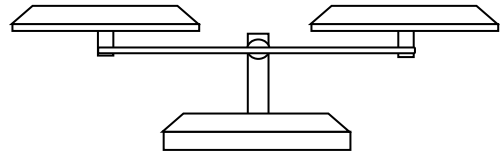


is _____ mL.

24.



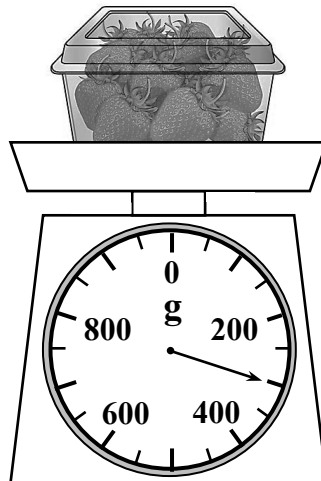
Which of the following is most suitable for measuring the weight of a shuttlecock?


☐ A.

☐ B.

☐ C.

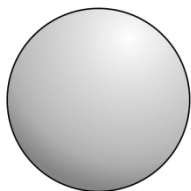
☐ D.

25.



The weight of  is _____ g.

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



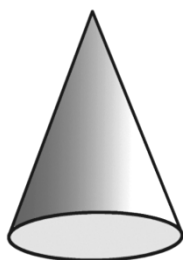
A.



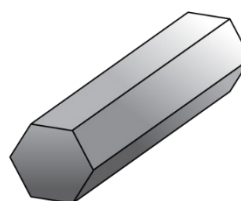
B.



C.



D.



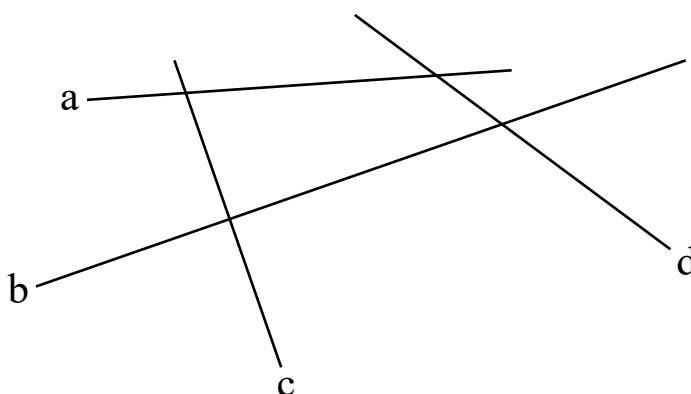
E.

List:

(a) Sphere(s): _____

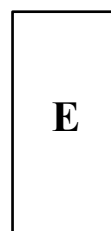
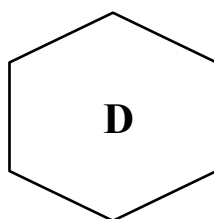
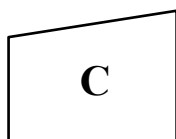
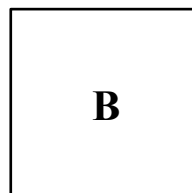
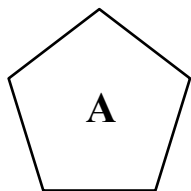
(b) Prism(s): _____

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



Lines _____ and _____ are a pair of perpendicular lines.

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

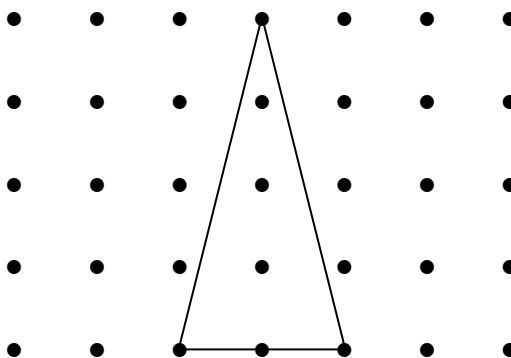


List:

(a) Square(s): _____

(b) Hexagon(s): _____

29.



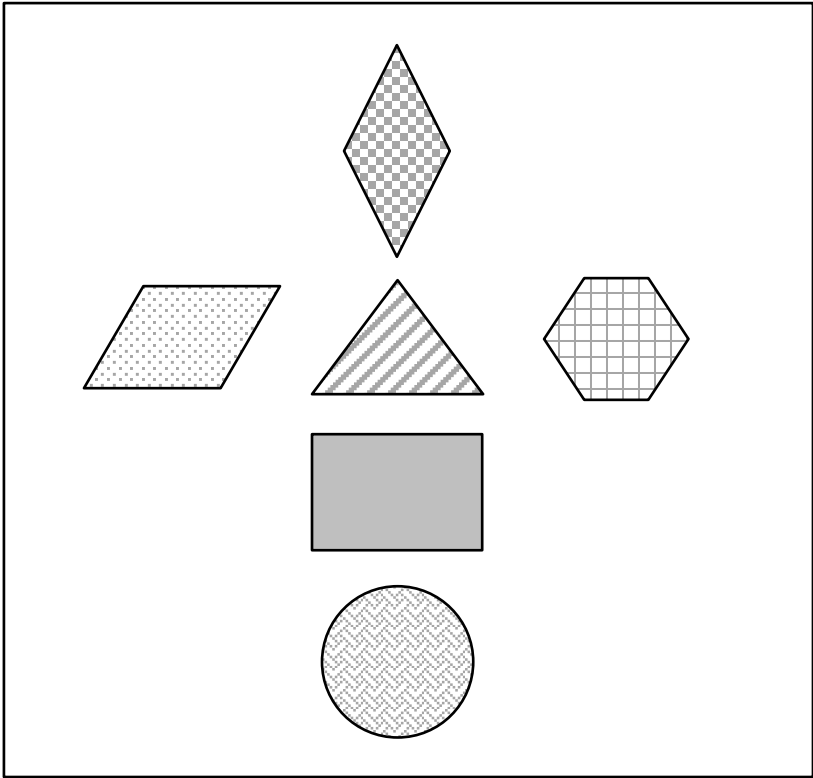
On the pin-board, Andy uses a rubber band to make

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

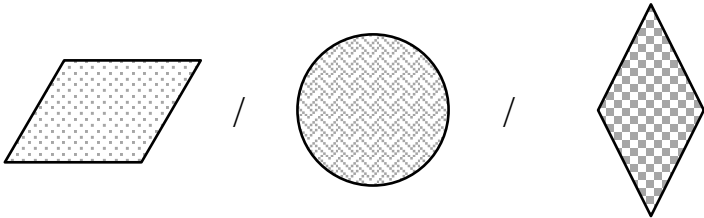
(*Circle the answer)

Please do not write in the margin.

30. Miss Lee puts six 2-D shapes on *a wall*.



*

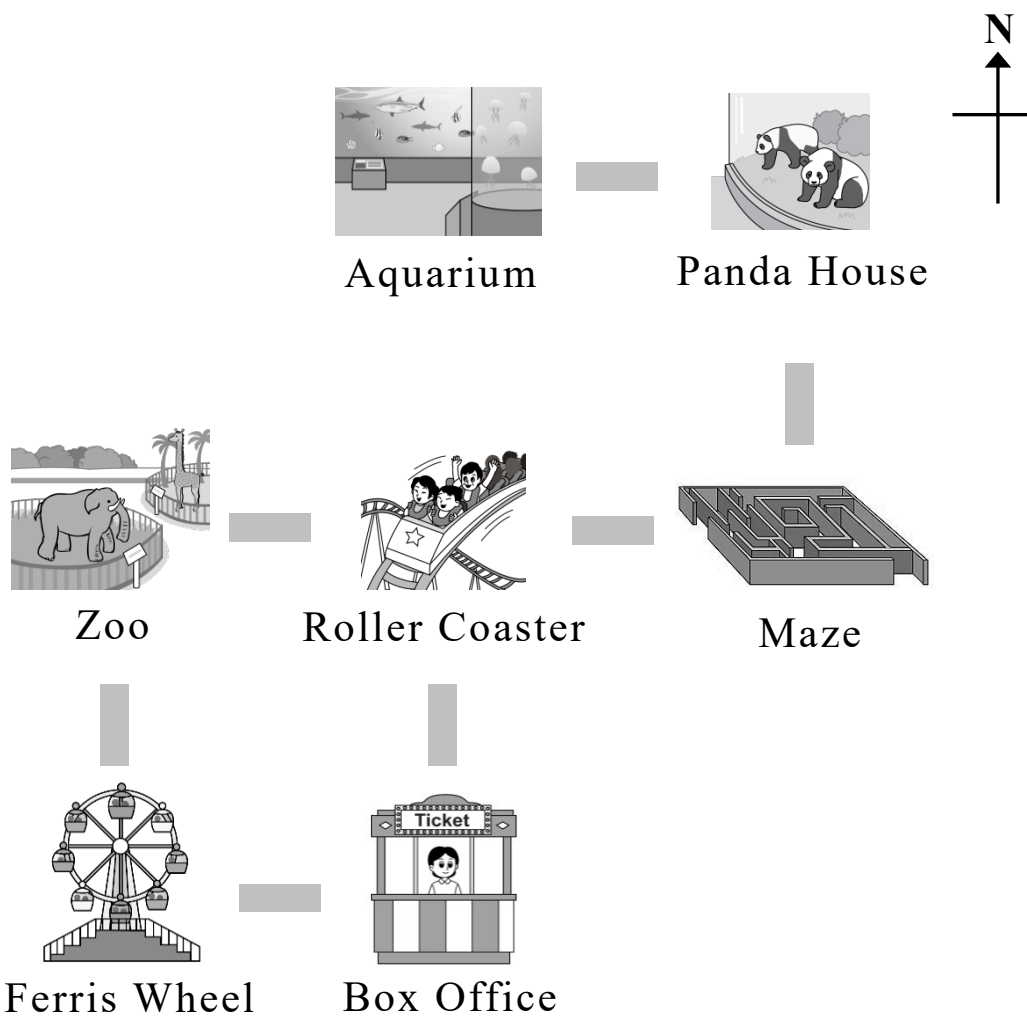


is under  .

(*Circle the answer)

Please do not write in the margin.

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



- (a) Starting from Roller Coaster, Vivian goes west to reach * Zoo / Box Office / Maze .

(*Circle the answer)

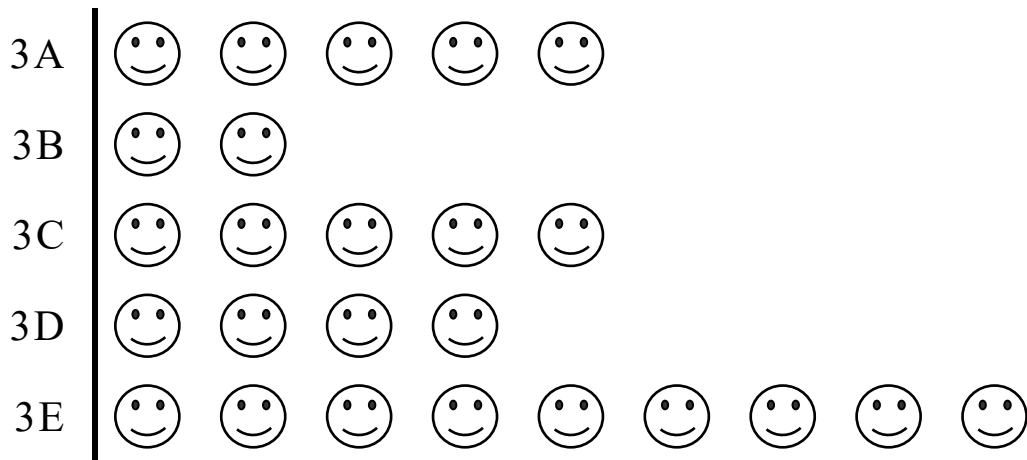
- (b) Maze is to the
* east / south / west / north of
Panda House.

(*Circle the answer)

32. Miss Chan did a survey of the number of pupils in each Primary Three class learning musical instruments.

**Number of Pupils in Each Primary Three Class
Learning Musical Instruments**

Each  stands for 1 pupil



- (a) The number of pupils in class _____ learning musical instruments was the most. There were _____ pupils.
- (b) The total number of Primary Three pupils learning musical instruments was _____ .

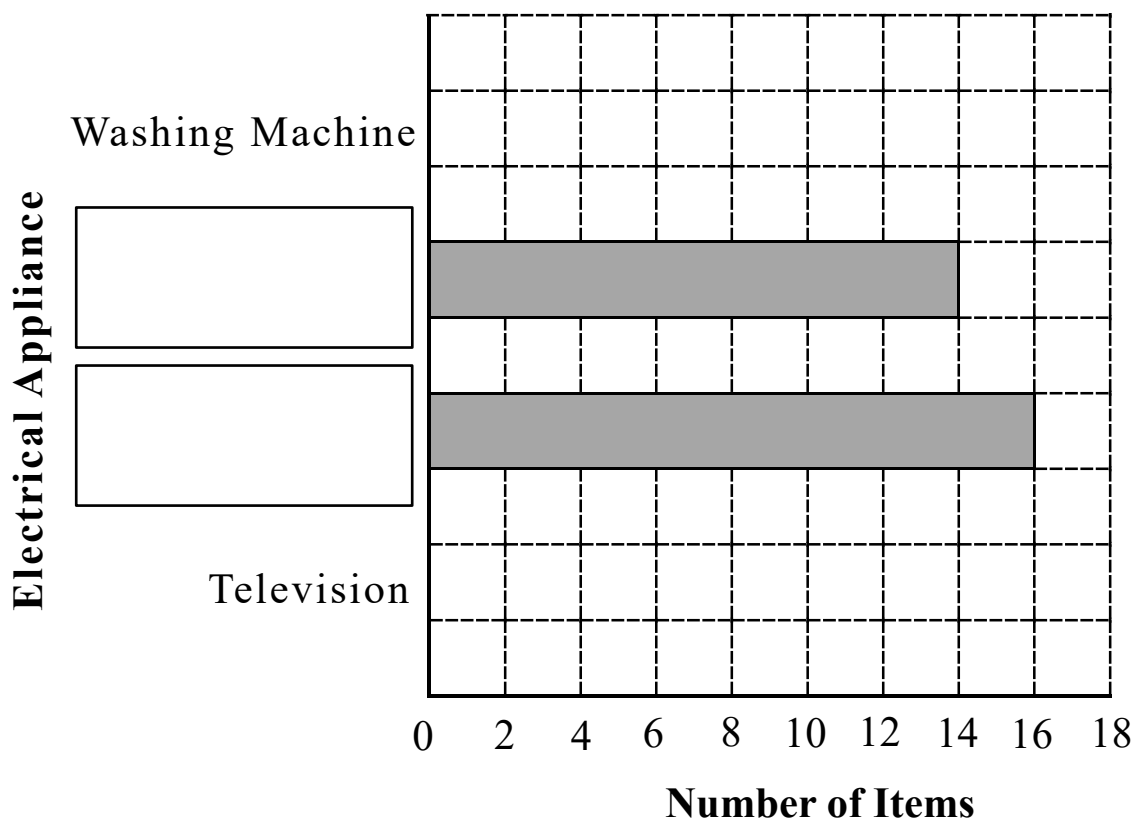
Please do not write in the margin.

33. A shopkeeper did a survey of the number of electrical appliances sold at a shop last week.

Electrical Appliance	Washing Machine	Air Conditioner	Refrigerator	Television
Number of items	8	14	16	4

According to the results, use a pencil to complete the following bar chart and give it a title.

(Title)



— END OF PAPER —

Please do not write in the margin.