Tsuen Wan Trade Association

Primary School

P. 5 2nd term Mathematics

Holiday Worksheet

Summer Holiday

Name: _____

Class: _____

Date: _____

Marks: _____

Part A. Revision questions

1. For the number 999 790, add at least _____ to make a 7-digit number.

2. The Least Common Multiple (L.C.M.) of 6 and 16 is _____.

3. 44 ÷ (11 × 2) = _____

4. Which of the following fractions has its value nearest to 1?

   ○ A. $1\frac{2}{7}$ ○ B. $1\frac{6}{7}$ ○ C. $\frac{1}{7}$ ○ D. $\frac{6}{7}$

5. $3\frac{1}{4} - \frac{5}{8} =$

6. $7\frac{1}{2} \times \frac{3}{10} =$

7. $3 \div 1\frac{1}{3} =$

8. $\frac{5}{6} \div \frac{3}{4} \div \frac{2}{9} =$ _____

9. 5.8 + 2.2 = _____

10. 5.8 – 2.7 = _____

11. 0.06 × 14 = _____

12. Father equally divides $8\frac{2}{5}$ kg of rice into 7 bags for donation to the Food Bank. The weight of each bag of rice is _____ kg.

13. Mum gave Alishah $50. She spent $18.60 on food. She had $_____ left.

14. A pen costs $1.20 each. 38 pens cost $_____ .

15. The height of Joan is 1.38m. She is 0.17m shorter than Luqman. Sheraz is 1.63m tall. How much taller is Sheraz than Joan? (show your working)

16. The capacity of a bowl is 0.45L and a soup container can hold five and a half bowls of water. What is the capacity of the soup container in L? (show your working)

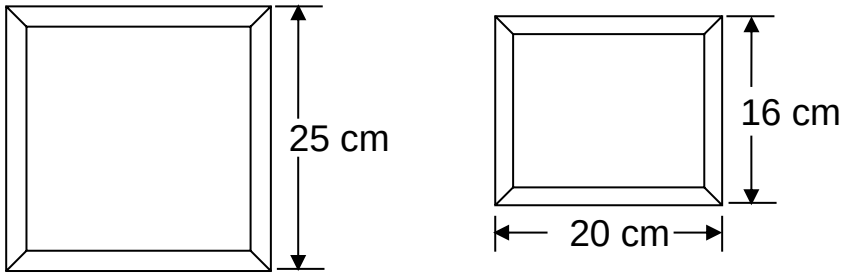
17. There are 27 pupils in Class 5A. 15 of them are boys and 12 are girls. By what fraction are girls fewer than boys? (show your working)

18. Fill in the following blanks with suitable measuring units.

(a) The height of a chair is about 90 _____.

(b) A pudding weighs about 100 _____.

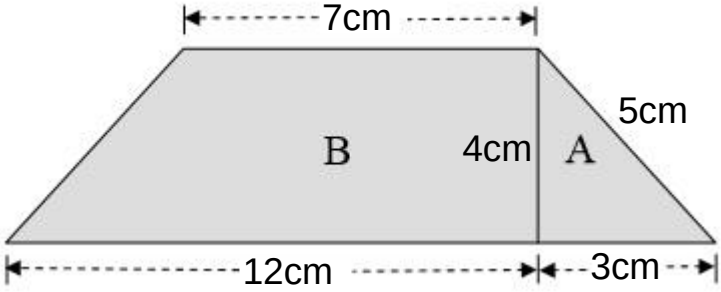
19. Mr. Wong has two photo frames. One of them is in the shape of a square and the other is in the shape of a rectangle.



(a) The perimeter of the square photo frame is _____ cm.

(b) The perimeter of the rectangular photo frame is _____ cm.

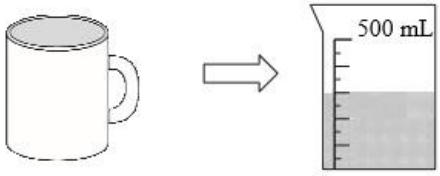
20.



The figure above is made up of Triangle A and Trapezium B.

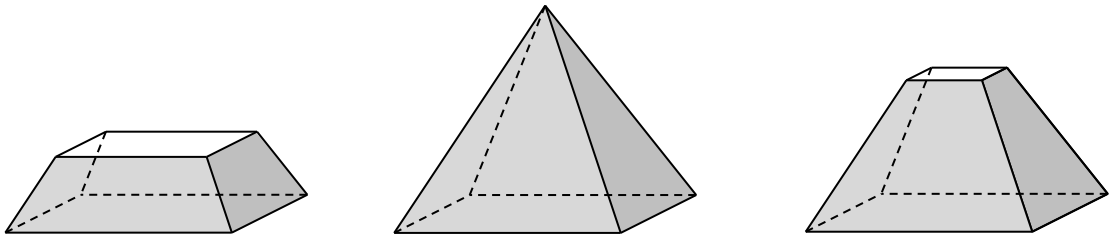
The area of the Trapezium B is _____ cm^2.

21. Fill up a cup with water and then pour all the water into a beaker.

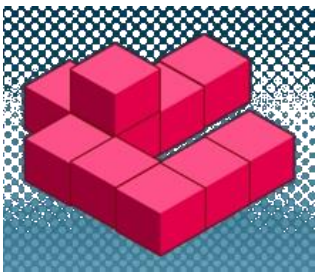


The capacity of a cup is_____ L.

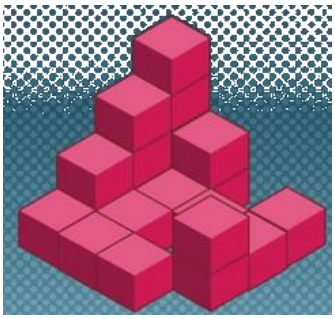
22. The area of the base of 3-D shapes below are same. Circle the 3-D shape with the largest volume.



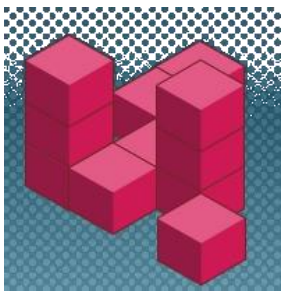
23. The following 3-D shapes are made up of cubes of the same shape and size. Arrange the 3-D shapes according to their volumes from the largest to the smallest.



Shape X



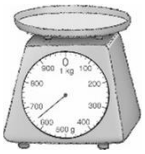
Shape Y



Shape Z

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

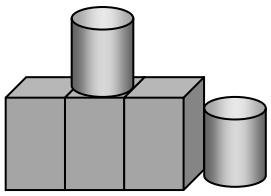
24. Which of the following objects has a volume about 1 m^3 ?

○ A.  ○ B.  ○ C.  ○ D. 

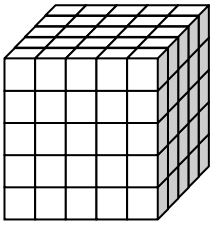
25. The volume of each  is 26 cm^3.

The volume of each  is 34 cm^3.

The volume of the whole 3-D shape shown on the right is _____ cm^3.

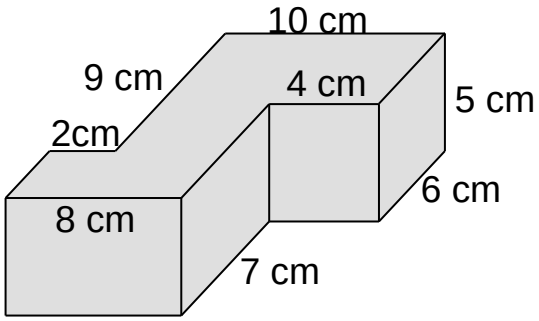


26. Calculate the volume of the following big cube.
(The volume of each small cube  is 1 cm^3.)

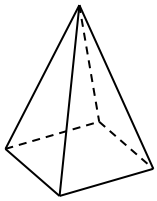


The volume of this big cube is _____ cm^3.

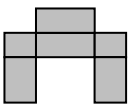
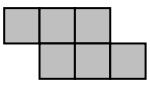
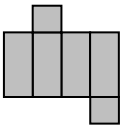
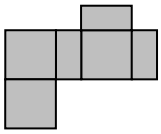
27. The volume of the 3-D shape on the right is _____ cm^3.



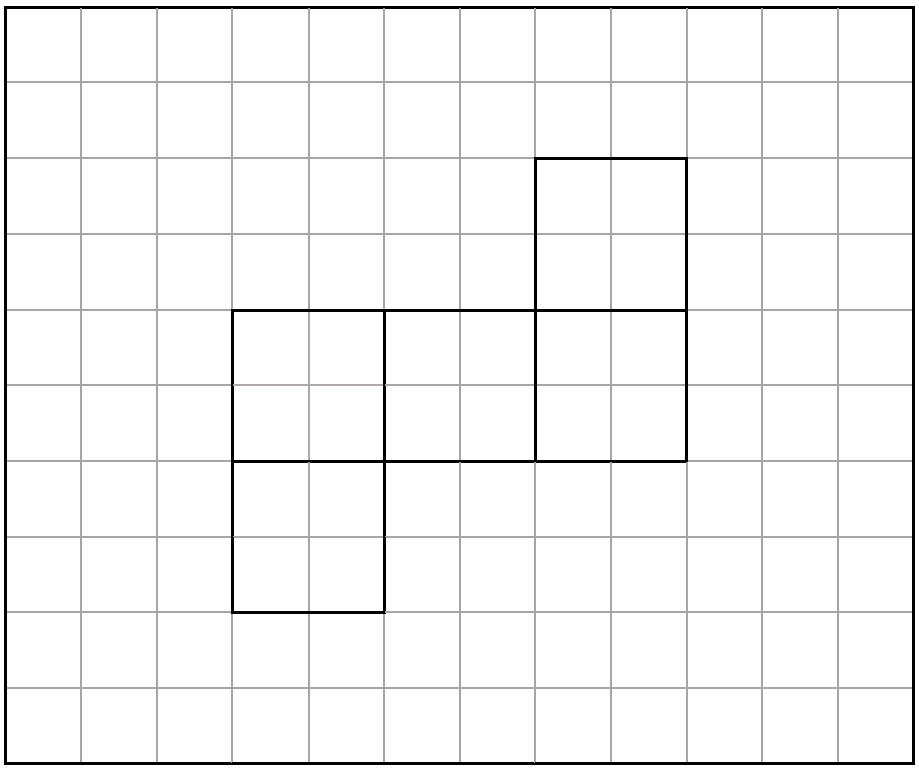
28. The name of this 3-D shape is _____ pyramid.
The shape of all its lateral faces is a _____ .



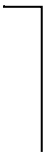
29. Which of the following nets can be folded into a cuboid but not a cube?

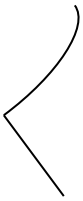
○ A.  ○ B.  ○ C.  ○ D. 

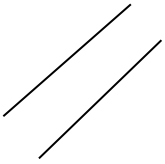
30. In the diagram below, draw a square so as to complete the net of a cube.

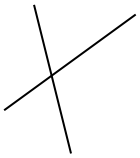


31. Which of the following figures has a right angle?

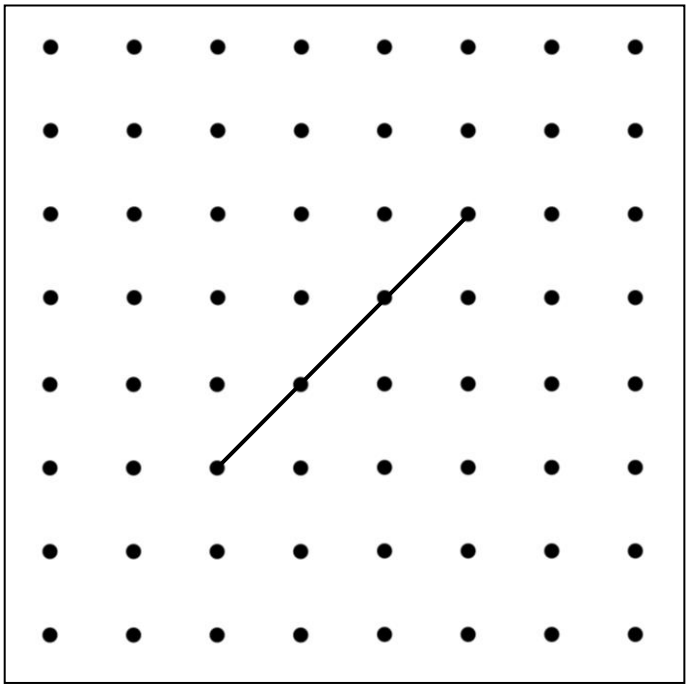
○ A. 

○ B. 

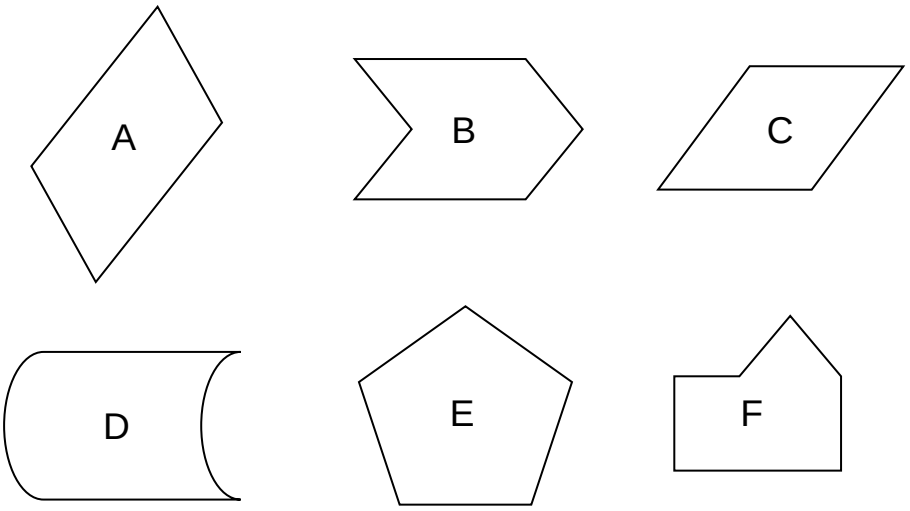
○ C. 

○ D. 

32. Draw a straight line parallel to the line given in the figure below.



33. Study the following 2-D shapes. Write the letter(s) for the answer.



(a) Rhombus: _____

(b) Hexagon : _____

34. Which of the following is equation?

○ A. $4 \times 3 = 12$ ○ B. $30 - a = 15$

○ C. $(a + 18)$ ○ D. $5a > 20$

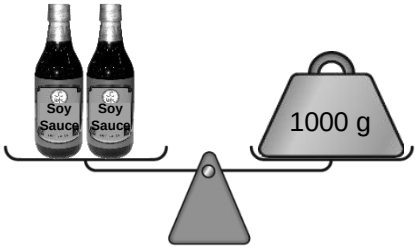
35. Solve the equations below.

(a) $k - 5 = 18$

$k =$ _____

(b) $\frac{e}{7} = 14$

e = _____

36. 

The weight of a bottle of soy sauce is y g. Set up an equation according to the above diagram and find out the value of y.

_____ = _____

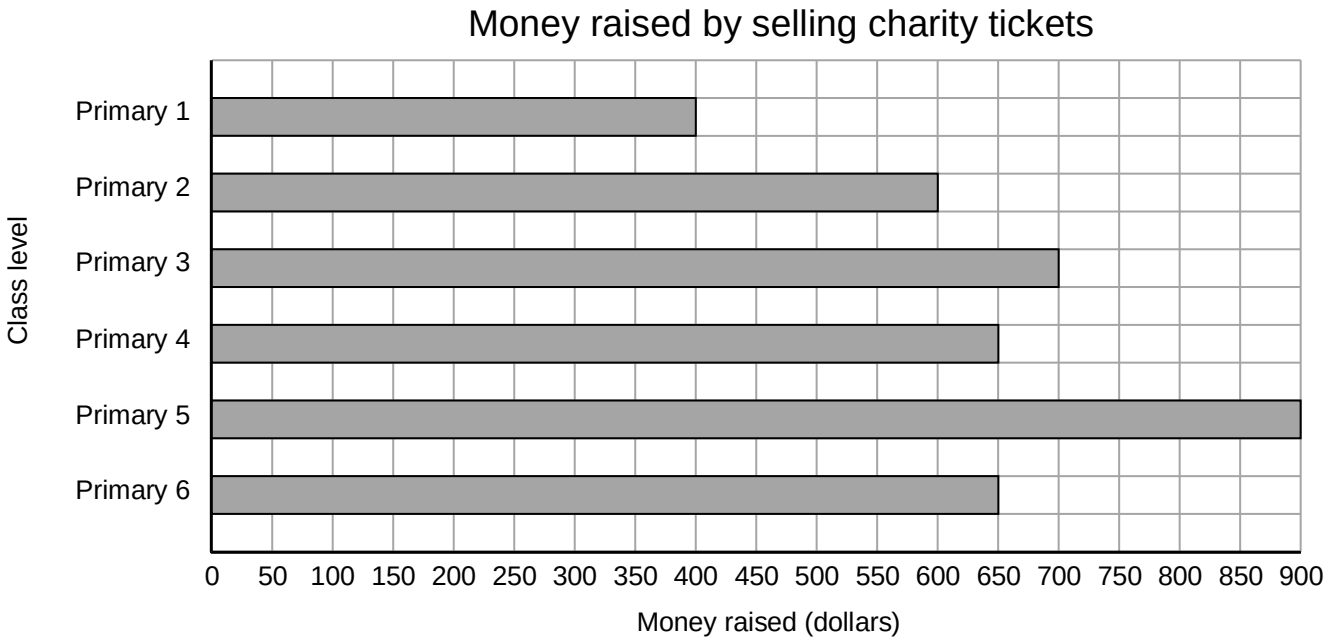
_____ = _____

y = _____

37. There were some magic beans in a packet. After 25 magic beans were filled inside, there are now 60 magic beans in the packet. Find the number of magic beans in the packet originally by the method of solving an equation. (show your working)


38. A shopkeeper divided a batch of eggs into 6 groups. There are 18 eggs in each group. Find the number of eggs in the batch by the method of solving an equation. (show your working)

39. The school was holding a fund raising activity by selling charity tickets. The teacher recorded the money raised by each class level and made the bar chart below.

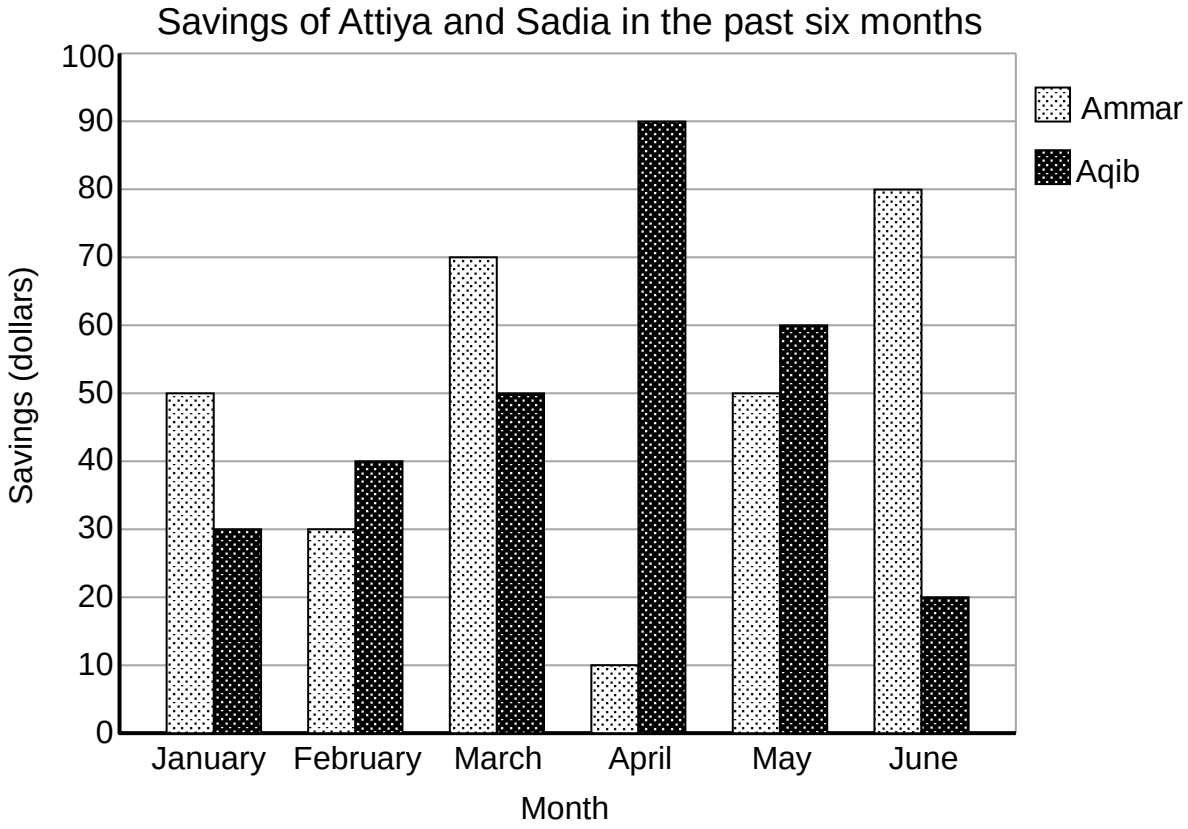


According to the bar chart above, answer the following questions.

(a) In the bar chart, each unit represents _____ dollars raised.

(b) In this fund raising activity, the money raised by each class level is about _____ dollars on average.

40. The compound bar chart below shows the savings of Attiya and Sadia in the past six months.



According to the compound bar chart above, answer the following questions.

(a) In _____, _____ and _____, the savings of Attiya are more than that of Sadia.

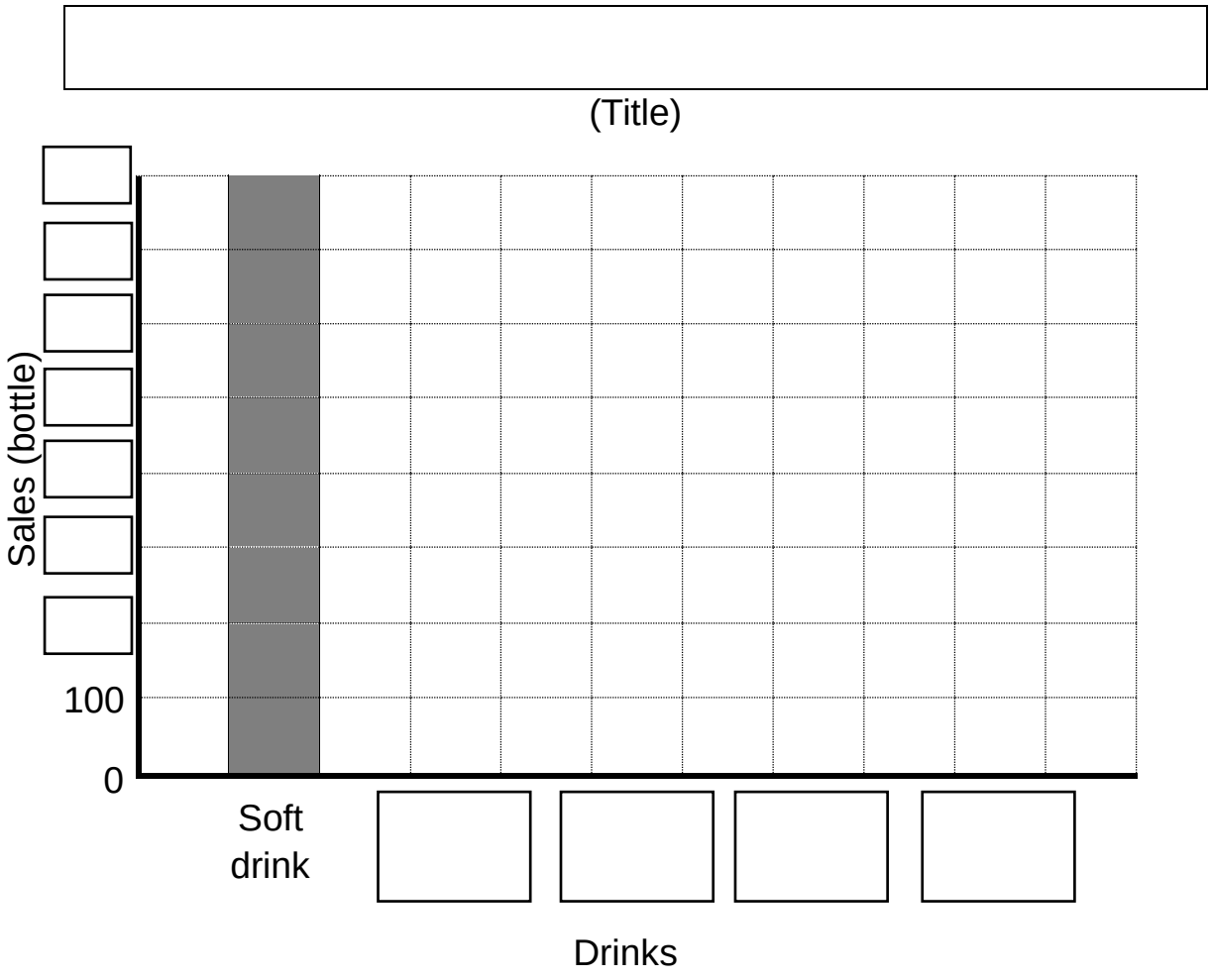
(b) In June, Attiya saved about _____ times as much as Sadia.

(c) In _____, the difference between the savings of Attiya and Sadia is the largest. They differ by about _____ dollars.

41. The table below records the sales of five different drinks at the supermarket last week.

Drinks	Soft drink	Juice	Soy milk	Milk	Distilled water
Sales (bottle)	842	754	318	685	226
Rounded to the nearest hundred	800				

(a) Round off the data to the nearest hundred and complete the table above.
(b) Complete the bar chart below according to the rounded-off data.
(c) Give it a suitable title.



Part B. Design and thinking section.

(a) Summer holiday is coming, you try to conduct a survey about the holiday with your classmates, and then construct a compound bar chart. (You can ask them through we-chat)
There are some examples for your reference.
1. Favourite summer activities of P.5A Pupils
2. Favourite food of P.5A Pupils in summer
3. Countries that P.5A Pupils will go in summer

(b) Design two questions which are related to the compound bar chart, and write the answers.

Question1：

_____

Answer：

_____

Question 2：

_____

Answer：

_____