P. 3   2nd term Mathematics

Holiday Worksheet

(Summer)

Name: _____

Class: _____

Date: _____

Marks: _____

1. In the number 41 306, the digit '3' is in the (1%)
   ○ A. tens place.   ○ B.   hundreds place.
   ○ C. thousands place.   ○ D.   ten thousands place.

2. $3405 - 1507 =$ _____ (1%)

3. $5 \times 2\ 6 =$ _____ (1%)

4. Fill in the boxes with the correct numbers. (1%)

$$7 \overline{)\,4\ \ 6\ \ 9\,}$$

5. $1346 - (605 + 573) =$ _____

6. $3048 - 2416 + 888 =$ _____
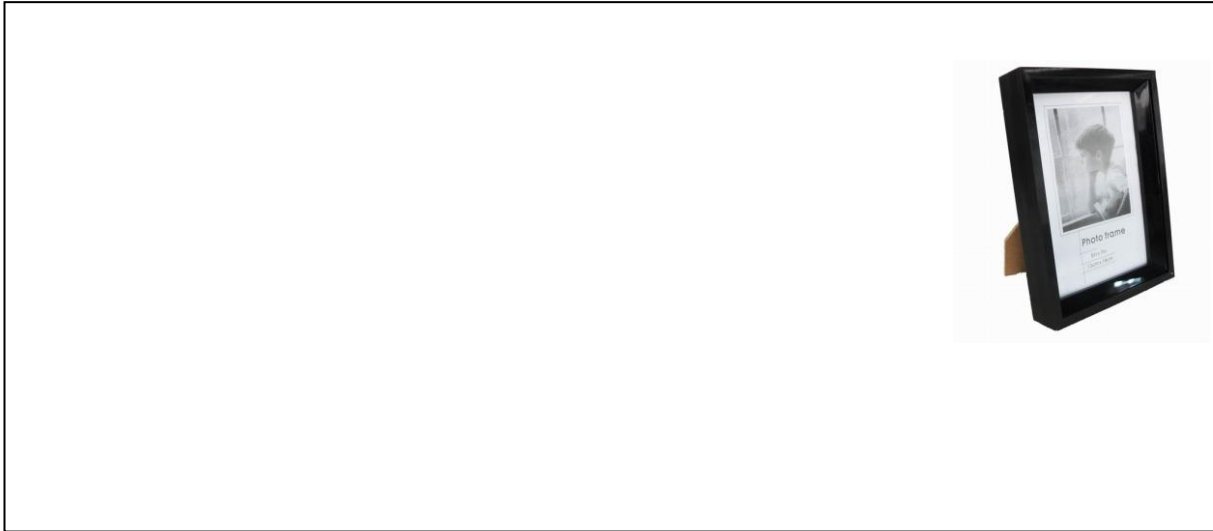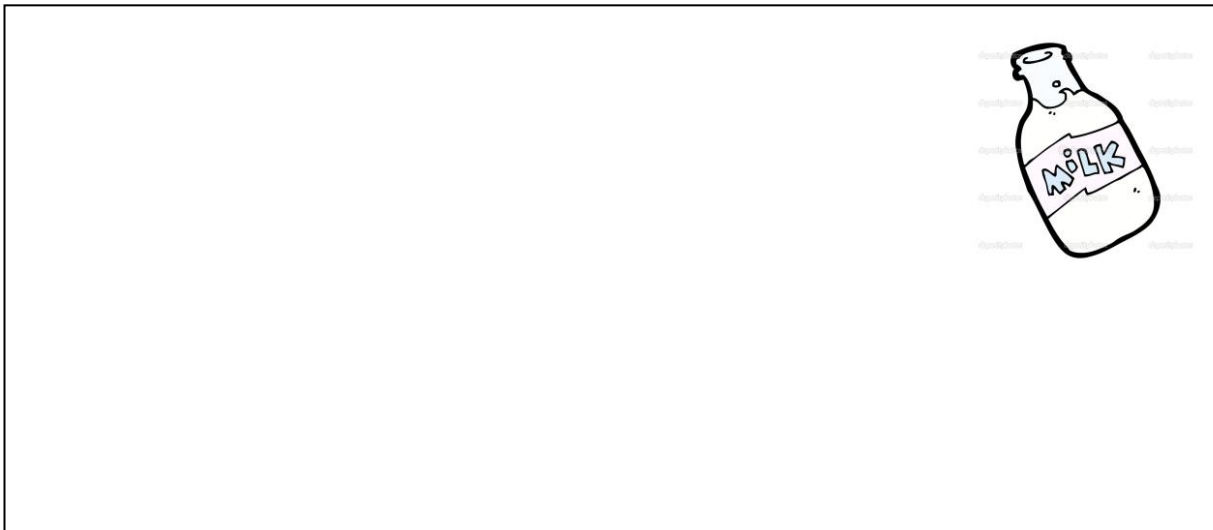
7. $6 \times 24 - 18 =$ _____

8. During a photo exhibition, 350 people attended in the afternoon, while the morning attendance was 90 less than the afternoon. How many people attended the exhibition on that day in total? (3% show your working)
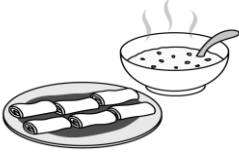
9. 8 bottles of milk cost $96.What is the cost of a bottle of milk? (3% show your working)

10. Saira buys 3 bowls of porridge and 1 dish of rice rolls. How much should she pay? (3% show your working)

> Tasty Porridge
> Porridge: 16 dollars for a bowl
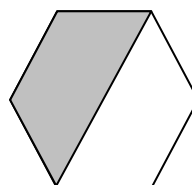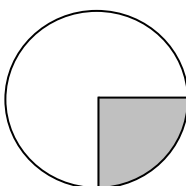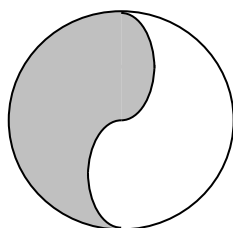> Rice rolls: 12 dollars for a dish

11. A box of ice cream costs 45 dollars. John buys 4 boxes and he pays 200 dollars. How much change should he get? (3% show your working)
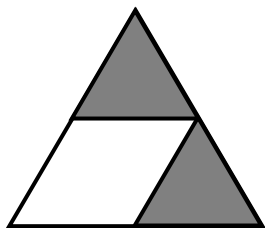
12. Which of the following has $\frac{1}{2}$ of the whole figure shaded ? Please put a '✓' in the appropriate box.
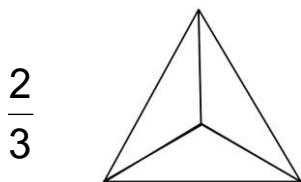
□   □   □

13. Write the fraction to show what part of each figure is shaded. (1%)

      Answer: _____

14. Colour the figure below according to the fractions given. (1%)

$\dfrac{2}{3}$

15. Fill in the brackets with the correct numbers.

$$1 = \frac{2}{2} = \frac{3}{3} = \frac{(\quad\quad)}{8} = \frac{21}{(\quad\quad)}$$

16. Put a '>', '<' or '=' in the circle. (3%@1%)

(a) $\dfrac{3}{8}$ ◯ $\dfrac{7}{8}$ (b) $\dfrac{2}{9}$ ◯ $\dfrac{2}{11}$ $\dfrac{4}{4}$ ◯ $\dfrac{18}{18}$

17. Arrange the fractions from the largest to the smallest.

(a) $\dfrac{5}{8}, \dfrac{4}{8}, \dfrac{7}{8}$ Answer: _____>_____>_____(1%)

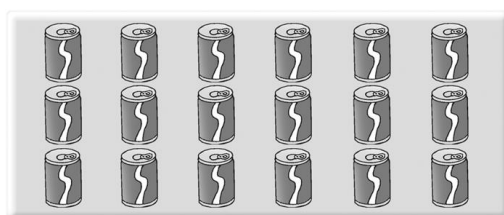(b) $\dfrac{5}{16}, \dfrac{5}{11}, \dfrac{5}{30}$ Answer: _____>_____>_____(1%)

18. According the picture on the right , write the correct fractions.
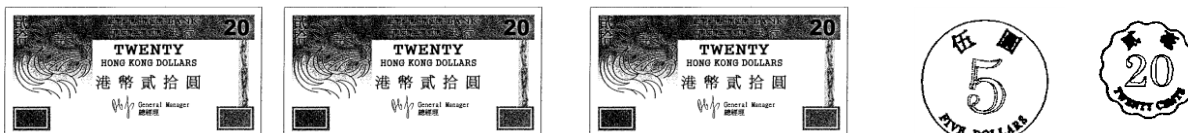
(a) $\dfrac{\Box}{\Box}$ of all the flowers are 🌸. (1%)

(b) $\dfrac{\Box}{\Box}$ of all the flowers are 🌷. (1%)

19. Count the objects below. Fill in the blanks. (2%@1%)

(a) $\dfrac{1}{6}$ of 18 is _____. (b) $\dfrac{5}{6}$ of 18 is _____.

20. Father pays the following amount for some food in the supermarket.
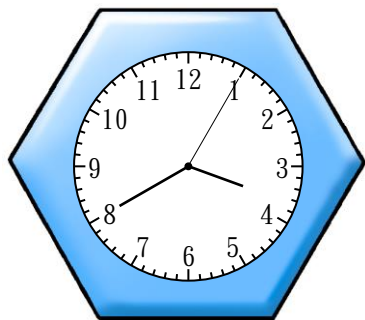
Father pays _____ dollar(s) and _____ cent(s).

21. The following table shows the starting times of the 'Magic Show' in a theme park.

	Starting Time
First Show	14:15
Second Show	15:45
Third Show	18:30

(a) The second magic show starts at ____ : ____ (*a.m. / p.m.)

   (*Circle the answer) (1%)

(b) There are_____hour(s) and _____minute(s) between the starting times of the first show and the third show. (1%)

22. Write the time shown on the clock.

_____:_____:_____a.m.

23. Fill in the following blanks with suitable units. (3%@1%)

(a) The thickness of a student handbook is about 5 _____.
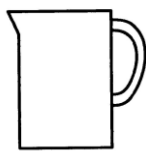
(b) The length of a bus is about 11 _____.

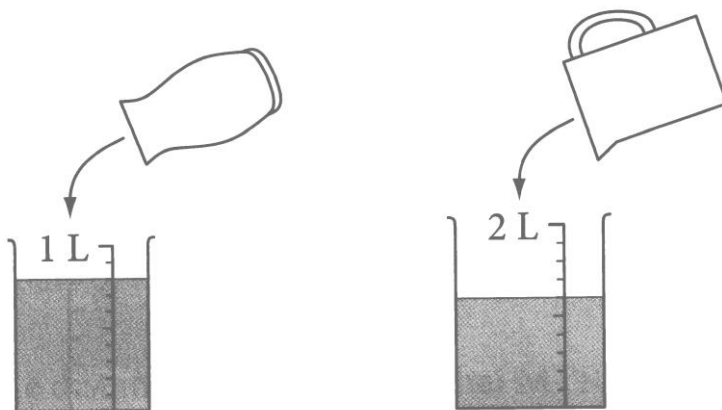(c) The weight of an apple is about 200 _____.

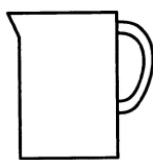24. and are filled up with water and then poured into

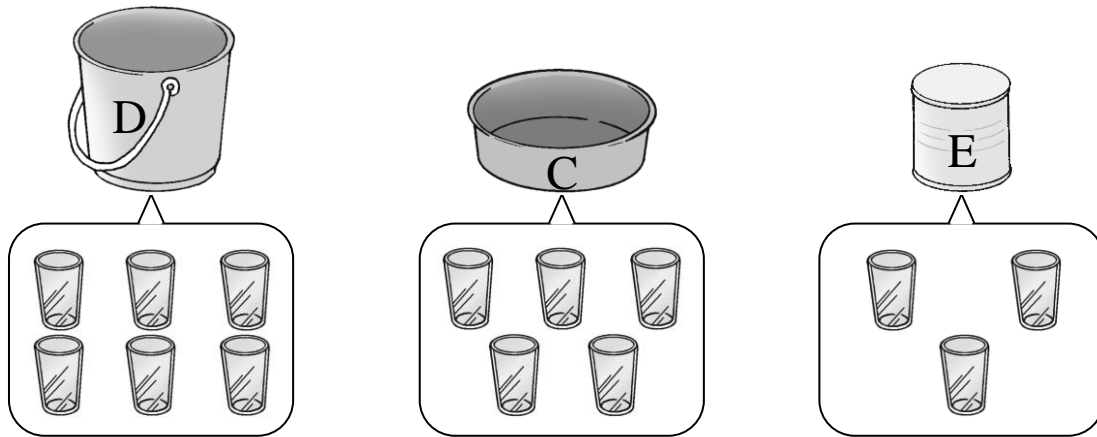two beakers respectively.

(a)The capacity of * / is larger.

(*Circle the answer)

(b)The capacities of the two containers differs by _____mL.

25. Arrange the capacities of the containers below from the smallest to the greatest. Write the numbers in the boxes. ('1' represents the smallest. '4' represents the greatest.)
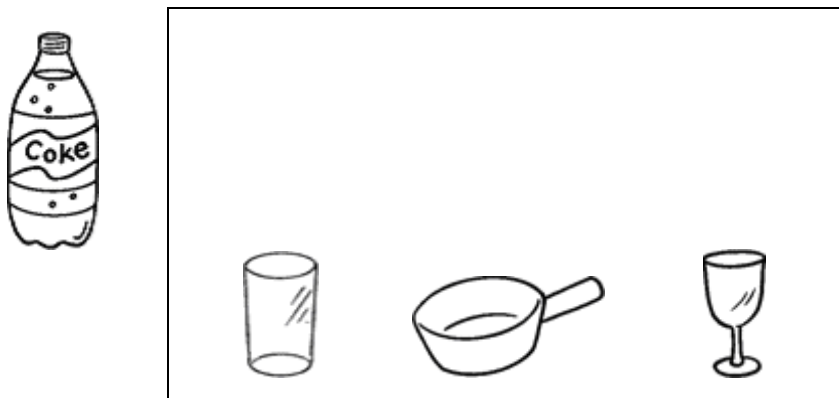
26.

Compare the capacities of the containers above. Arrange them from

the smallest to the greatest. (Write down all the letters for the

answers.)

Answers: _____ < _____< _____

27. Which of the following containers on the right is the most suitable
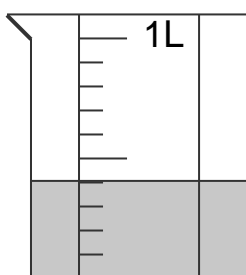tool for measuring the capacity of the container on the left. Circle it.

28. Write down a suitable unit of capacity for each of the following. (2%@1%)

(a) The capacity of a can of coke is about 350_____. (1%)
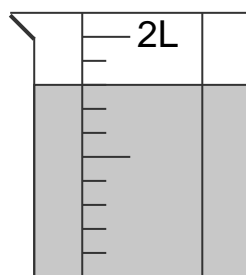
(b) The capacity of the thermos pot is about 4_____. (1%)

29. Write down the amount of water in the beakers below.(2%@1%)

(a)　　　　　　　　　　　　(b)

_____ mL　　　　　　　_____ mL

30. Which of the following equals to 20L35mL?

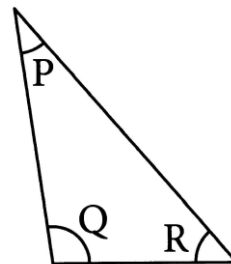⃝ A. 23 500mL　⃝ B. 20 350mL　⃝ C. 20 035mL ⃝ D. 2 350mL

31. How many 200mL glasses can 1 L of coke fill?

⃝ A.　2　　　⃝ B.　4　　　⃝ C.　5　　　⃝ D. 8

32. Study the diagram on the right. Which of the following statements are correct? Write the letters for the answer.
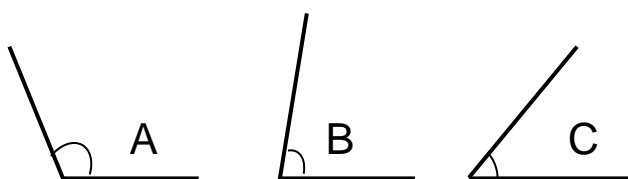
A.   Angle P is an acute angle.
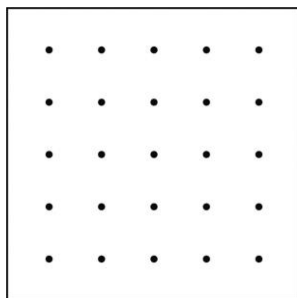B.   Angle R is a right angle.
C.   Angle Q is an obtuse angle.

Answer:_____

33. Arrange the following angles from the smallest to the largest.

A   B   C

Answer: ∠_____ < ∠_____ < ∠_____

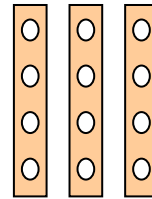34. Draw a right-angled isosceles triangle on the dotted paper.

35. What kind of triangle can the following sticks form?

○ A. an isosceles triangle   ○ B. a scalene triangle

○ C. an equilateral triangle   ○ D. a right-angled triangle

36. What kind of triangle can be made by using the three geo-strips on the right?

○ A. an isosceles triangle

○ B. a scalene triangle

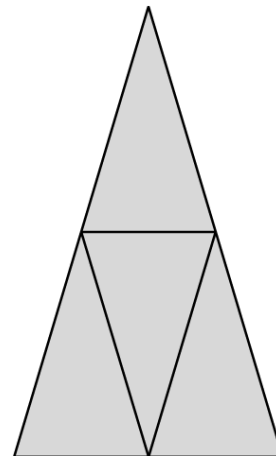○ C. an equilateral triangle

○ D. a right-angled triangle

37. Look at the picture on the right and answer the questions.

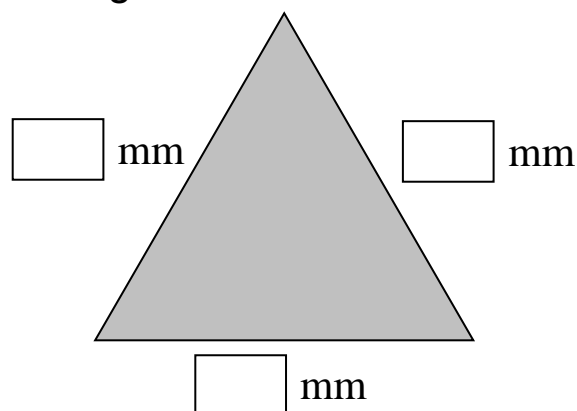(a) How many triangles in the picture?

There are _____ triangles altogether.

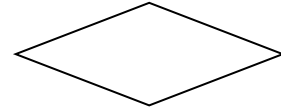(b) What kind of triangles are they?

All are _____ triangles.

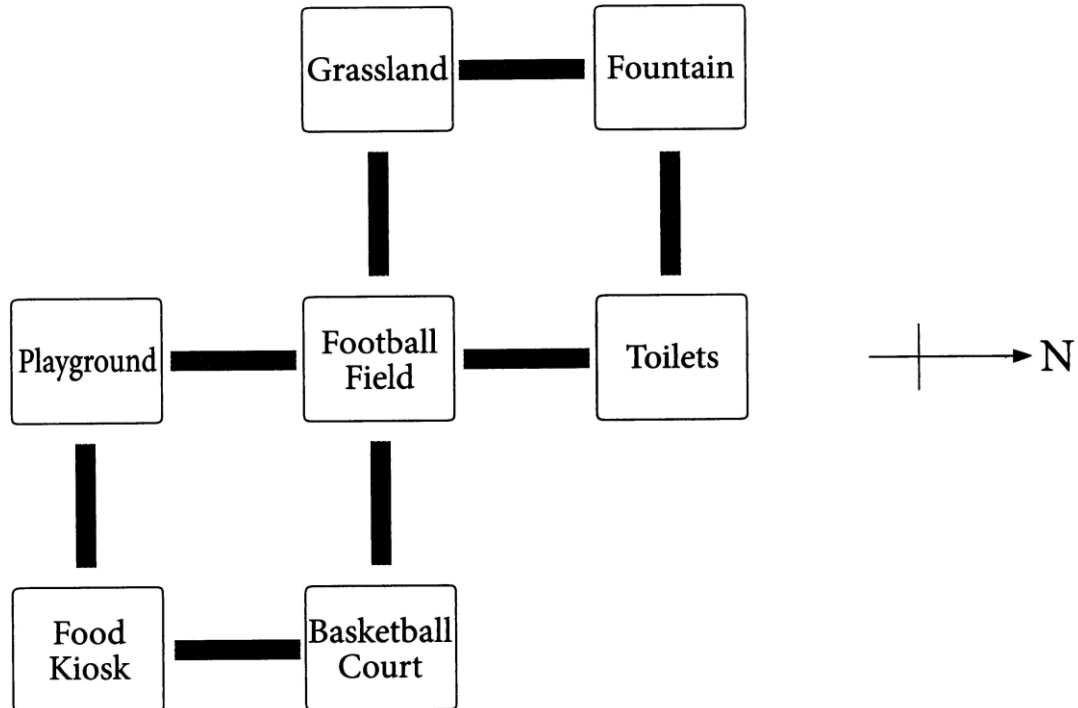38. (a) Measure the lengths of the sides of the triangle.

[ ] mm   [ ] mm

[ ] mm

(b) This triangle is called a/an _____ triangle.

39. What is the name of the 2-D shape on the right ?

   ○ A.   a square   ○ B.   a rectangle
   ○ C.   a trapezium   ○ D.   a rhombus
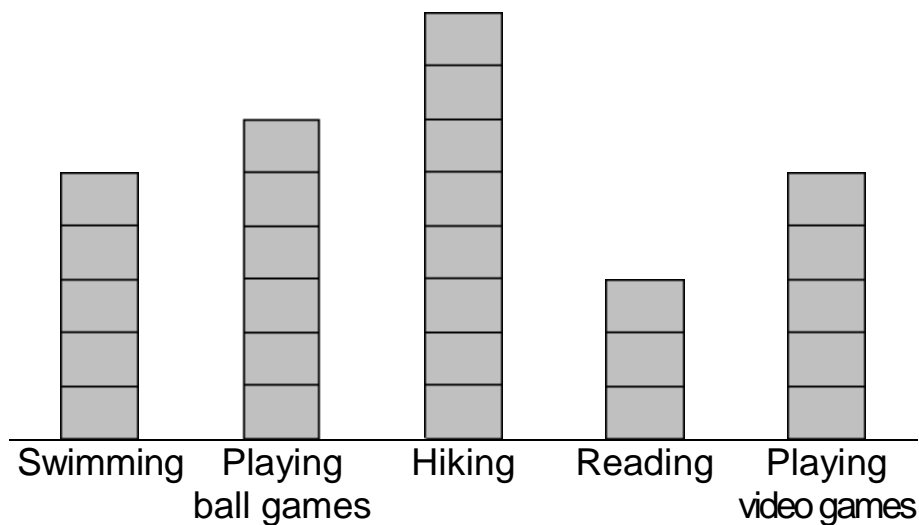

40.

(a) The Football Field is to the _____ of the Basketball Court. (1%)

(b) Kevin goes to the Food Kiosk from the Football Field. He first

   goes _____, passes the _____, and then

   goes _____ to reach the Food Kiosk. (3%@1%)

41. Henry did a survey about the favourite after-school activities of his classmates. He made a block graph below to show the result.

<u>Our favourite after-school activities</u>

Each block stands for 1 classmate

| Swimming | Playing ball games | Hiking | Reading | Playing video games |

Read the block graph and complete the following.

(a) Most classmates are in favour of _____. (1%)

(b) Least classmates are in favour of _____. (1%)

(c) The numbers of classmates who are in favour of

_____ and _____ are the same.

There are _____ classmates each. (3%@1%)

(d) _____ classmates took part in this survey. (1%)
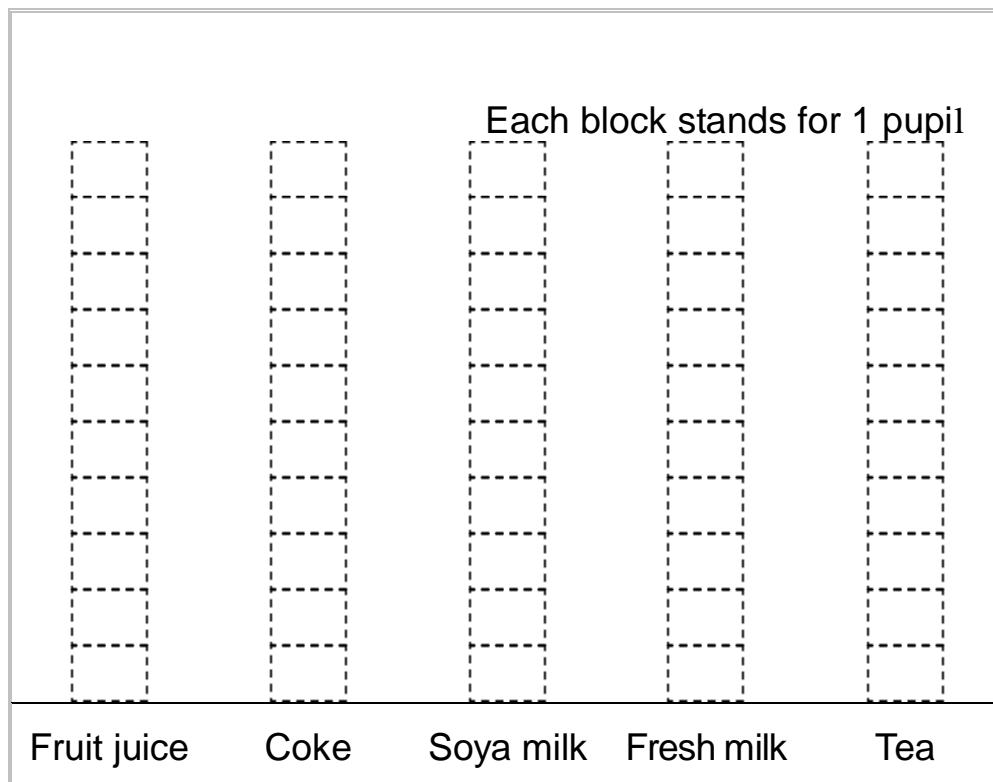
42. The table below shows the favourite drinks of pupils.

Drink	Fruit juice	Coke	Soya milk	Fresh milk	Tea
Tally					
Number of pupils	8	9	5	3	2

(a) Complete the table above;

(b) Based on the data above, complete the block graph below by
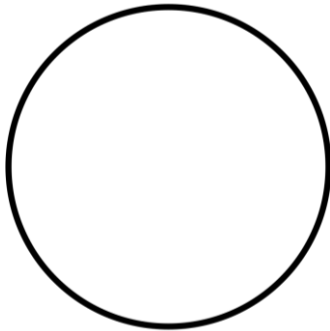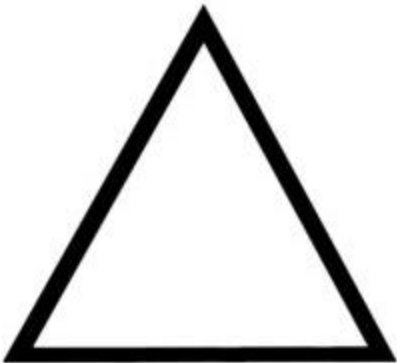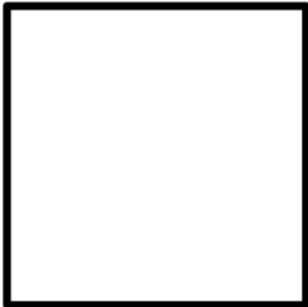
colouring the appropriate blocks;

(c) give it a title.

(title)

Each block stands for 1 pupil

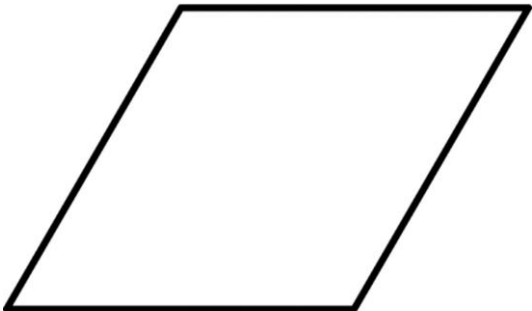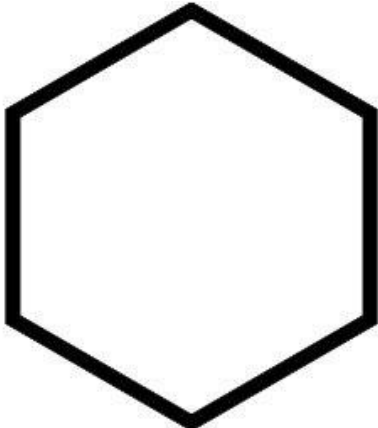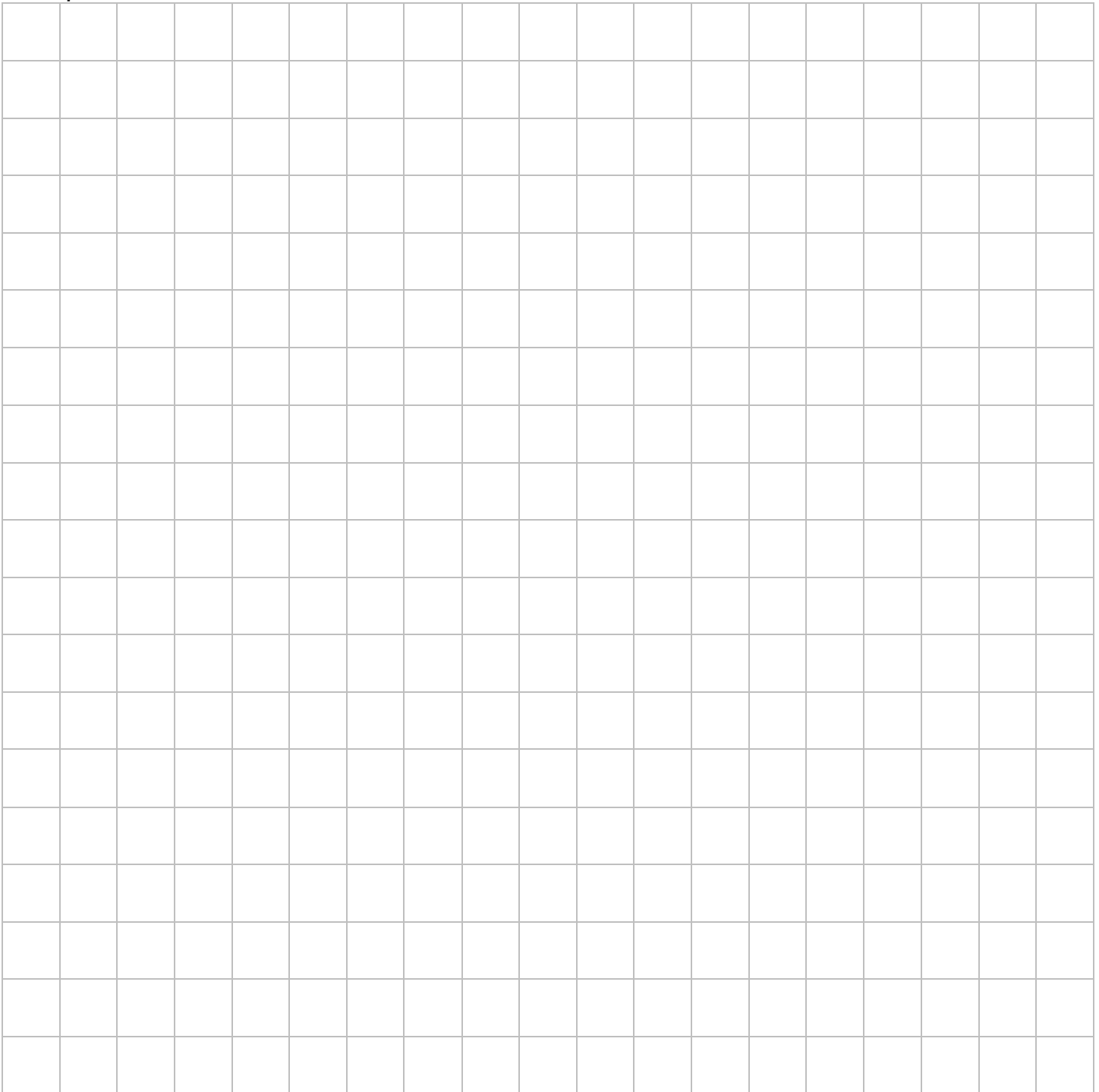| Fruit juice | Coke | Soya milk | Fresh milk | Tea |

Design and Thinking Section － Fractions in shapes

A. Divide the shapes of the following questions into different number of equal parts, then color them, and use a fraction to represent the coloured parts in each question.

Example:	1.
Written as: $\dfrac{1}{3}$	Written as:
2.	3.
Written as:	Written as:
4.	5.
Written as:	Written as:

B. Design a pattern on the squared paper below, then color it and answer the
   questions.

1. The pattern I designed is _____.

2. The pattern obtains _____ grids in total and _____ grids were coloured.

3. Use a fraction to represent, $\dfrac{\boxed{}}{\boxed{}}$ of the pattern is coloured.