Contents

6   Multiplication and division

Date: _____

Do the following calculations.

① $27 \times 18 =$ _____

② $25 \times 32 =$ _____

③ $411 \times 33 =$ _____

④ $42 \times 108 =$ _____

⑤ $16 \times 5 \times 8 =$ _____

⑥ $136 \times 25 =$ _____ $\times 136$

⑦ $477 \div 9 =$ _____

⑧ $288 \div 15 =$ _____

⑨ $708 \div 3 =$ _____

⑩ $812 \div 28 =$ _____

Write the correct numbers in the boxes.

⑪

```
      3 □
   ┌──────
 3 │ 1 □ 5
     9
   ──────
     1  5
   □    5
   ──────
```

⑫

```
        3 □
   ┌──────
 □ │ 2 8 0
     2 □
   ──────
     4  0
     4  0
   ──────
```

⑬

```
        5 □
   ┌──────
1 5 │ 7 □ 7
     7  5
   ──────
     1  7
     1 □
   ──────
       □
```

Solve the following problems in horizontal forms.

⑭   There are 24 chocolates in a box, and each carton has 10 boxes of chocolates. How many chocolates are there in 6 cartons?

⑮   11 students share 360 sweets evenly. How many sweets can each student get? How many sweets are left?

7   Mixed operations of numbers

Date: _____

Do the following calculations.

① $200 - 31 - 135 =$ _____

② $(74 + 28) \times 19 =$ _____

③ $841 - 32 \times 22 =$ _____

④ $646 + 936 \div 12 =$ _____

⑤ $505 - 903 \div 21 =$ _____

⑥ $952 \div 14 \times 36 =$ _____

⑦ $782 \div 23 + 18 \times 23 =$ _____

⑧ $253 - 642 + 597 =$ _____

⑨ $(57 + 48) \times (537 - 489) =$ _____

Solve the following problems in horizontal forms.

⑩   How much are 4 sports pants and 3 sports shirts in total?

Sports pants: 56 dollars each
Sports shirt: 78 dollars each

⑪   A fruit shop sold oranges in bags. Each bag has 5 oranges and costs 23 dollars. The fruit shop received 391 dollars from selling oranges this morning. How many oranges were sold?

⑫   There are 8 rows of stickers in a sheet, and each row has 7 stickers. A teacher has 12 sheets of stickers. After using 318 stickers, how many stickers are left?

17 **2-D shapes**

Date: _____

Look at the following figures and answer the questions.
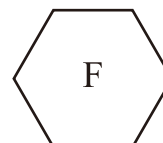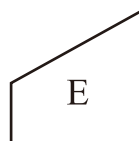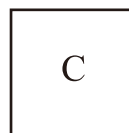
① Write the name of each figure on the _____ .

A: _____ B: _____ C: _____
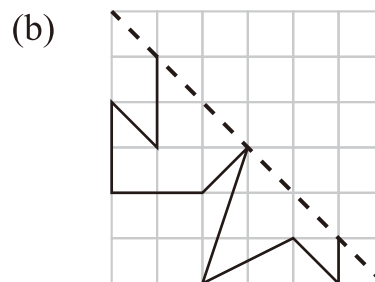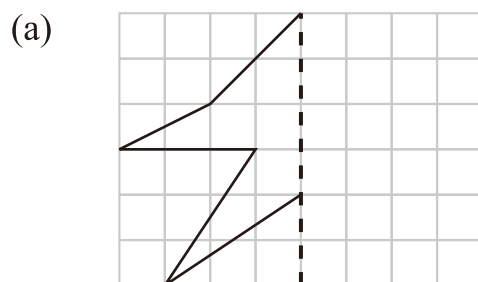
D: _____ E: _____ F: _____

② Write the correct letters on the _____ .

(a) Figures with right angles: _____

(b) Figures with two pairs of parallel opposite sides: _____

Answer the following questions.

③ Using the dotted lines as the line of symmetry, complete the following figures to form symmetrical shapes.

(a)

(b)

④ Draw straight lines on the figures to dissect the figures into specific shapes.

(a) A trapezium and 2 triangles

(b) A square and 2 trapeziums
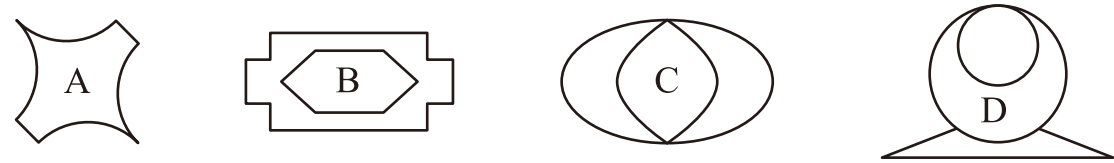
21

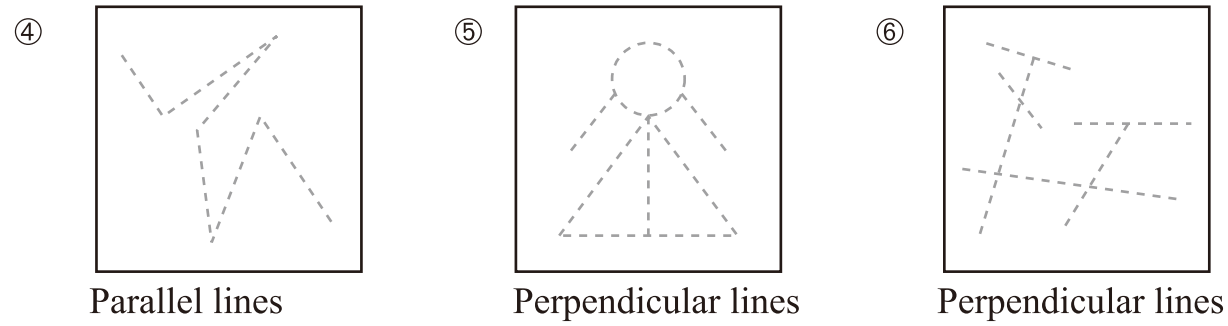**Look at the description of the shapes in the table. Write the correct letters s on the _____ .**

		Straight lines	Curves	Parallel lines	Perpendicular lines
①	Shape _____	✓	✓	✗	✗
②	Shape _____	✓	✓	✓	✗
③	Shape _____	✓	✗	✓	✓

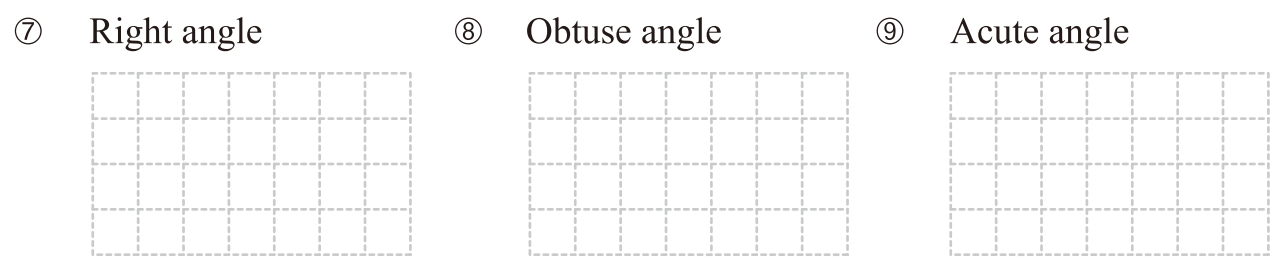**Follow the instructions to draw parallel lines or perpendicular lines in the figures below.**
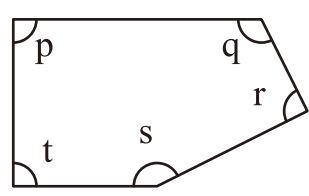
④

Parallel lines

⑤

Perpendicular lines

⑥

Perpendicular lines

Follow the instructions to draw the specific angles on the grids.

⑦   Right angle   ⑧   Obtuse angle   ⑨   Acute angle

Look at the following figure. Put a ✓ in the ▢ if the statement is correct. Otherwise, put a ✗ .

⑩   Angle p is larger than angle r.   ▢

⑪   Angle t is a right angle.   ▢

⑫   Angle s is the largest angle.   ▢

21 ▸ Bar charts

Date: _____

Read the following bar chart and answer the following questions.

Number of different colours of drawing paper that Sandy has
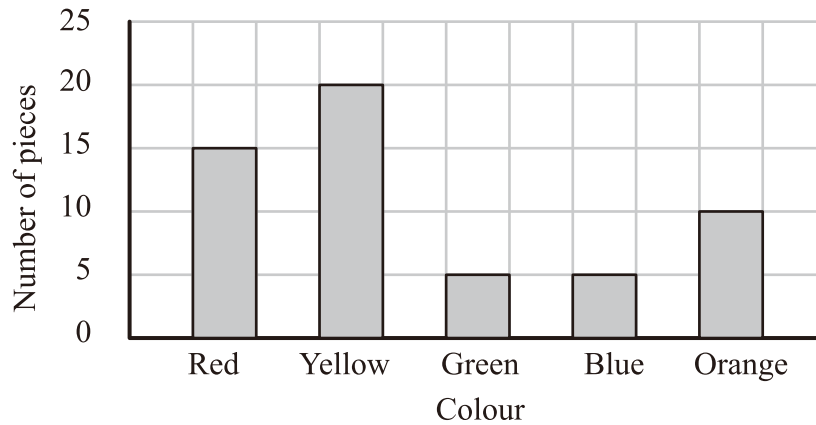
① Sandy has _____ pieces of drawing paper.

② The number of _____ drawing paper is the greatest. There are _____ pieces.

③ The numbers of _____ and _____ drawing paper are the same.

④ The number of red drawing paper is _____ times that of blue drawing paper.

The staff of an elderly centre recorded the number of participants in each activity.
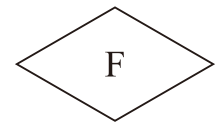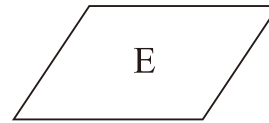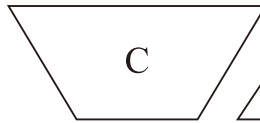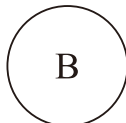**Use the data below to construct a bar chart.**

⑤

Activities	Hiking	Tai-chi class	Dancing class	English class
Number of participants	60	30	100	40

Number of participants in the activities of an elderly centre

3 **Shape and Space Dimension**
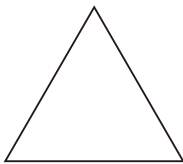
Date: _____
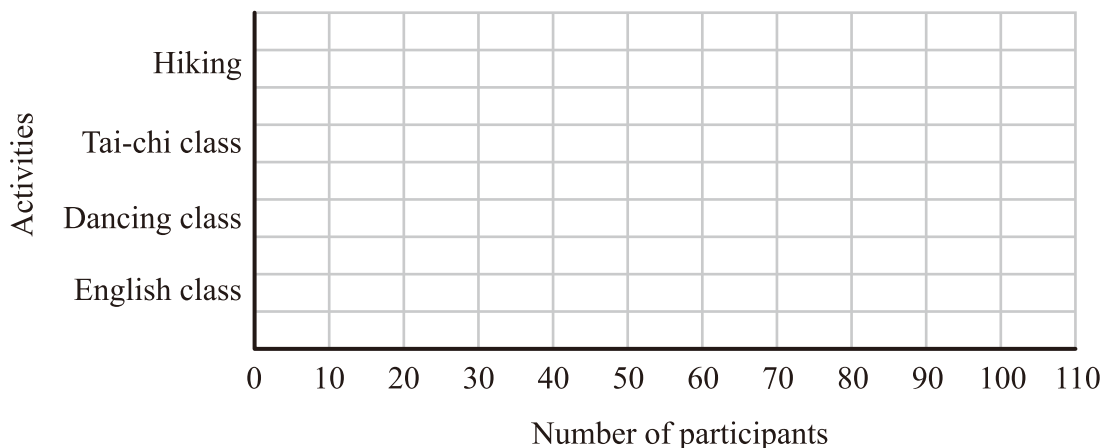
Look at the figures below and write the correct letters on the _____ .

A   B   C   D   E   F
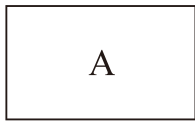
① Without parallel lines: _____

② Infinitely lines of symmetry: _____

③ No line of symmetry: _____

④ Four equal sides: _____

⑤ Only 1 pair of parallel opposite sides: _____

⑥ Four equal angles: _____

Write the answers on the _____ .

⑦ _____ triangle
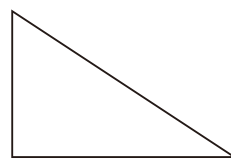
⑧ _____ triangle
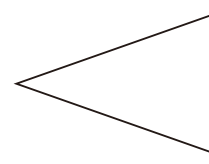
⑨ _____ triangle

Look at the following description about the map of Country Park. Write the name of the places in the ☐ .

N

⑩ The waterfall is at the west of the reservoir.

⑪ The toilet is at the north of the woodland.

⑫ The picnic zone is at the east of the toilet.

Reservoir

⑬ The campsite is at the south of the picnic zone.

Woodland

Circle the correct nets of a cube.

⑭

4 Data Handling Dimension

Date: _____

The following pictogram shows the favourite pets of P5 students. Answer the following questions.

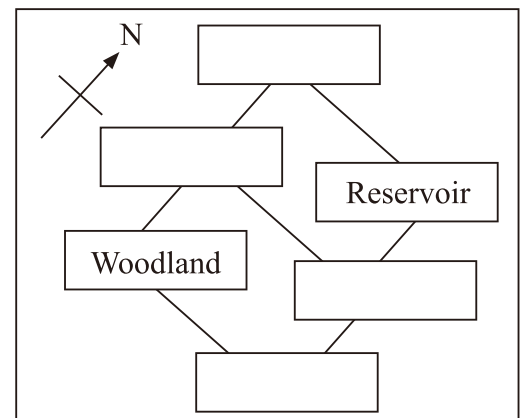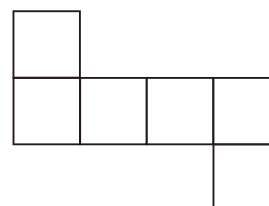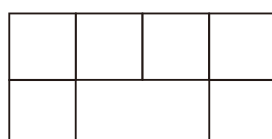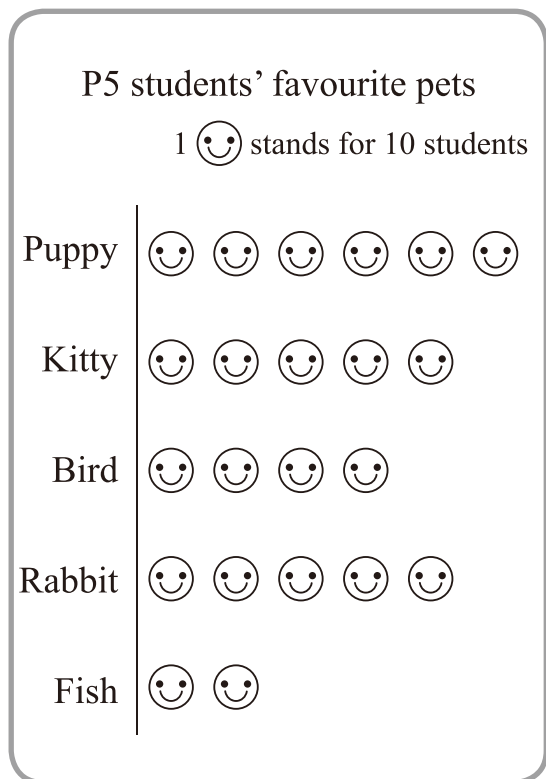P5 students' favourite pets

1 ☺ stands for 10 students

Puppy	☺ ☺ ☺ ☺ ☺ ☺
Kitty	☺ ☺ ☺ ☺ ☺
Bird	☺ ☺ ☺ ☺
Rabbit	☺ ☺ ☺ ☺ ☺
Fish	☺ ☺

① _____ is the most popular pet. _____ students like this pet.

② The students who like puppy is _____ times the students who like fish.

③ The number of students who like rabbit is _____ of that who like puppy.

④ Is it suitable to use 1 ☺ to stand for 1 student when draw the pictogram? Why?
Answer: It is * suitable / not suitable (* circle the answer) because _____
_____
_____ .

The staff of Wetland Park recorded the number of visitors in the past 5 days. Round off the number of visitors to the nearest hundreds. Then construct the bar chart.

⑤

Day of a week	Number of visitors	Rounded off to the nearest hundreds
Mon	473	500
Tue	311	
Wed	220	
Thu	403	
Fri	592	

⑥ Number of visitors in the past 5 days

Number of visitors

Mon   Tue   Wed   Thu   Fri

Day of a week

Game Zone
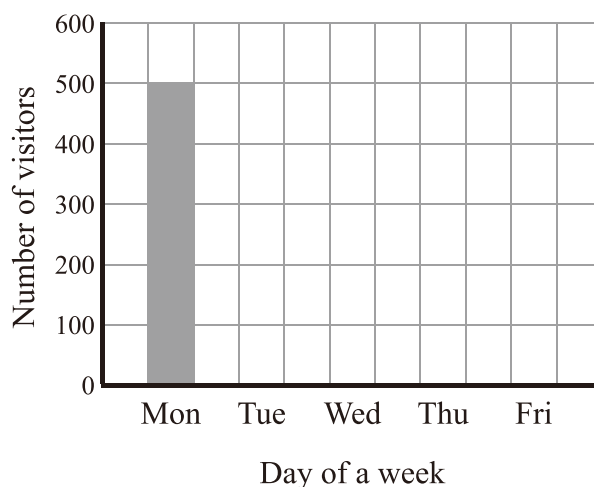
Catch 7

Objectives

1. Practice counting.
2. Strengthen students' number sense.
3. Consolidate students' knowledge on multiples and common multiples.

Challenge 1 • Numbers that contain 7

1. Divide the students into groups of 10.

2. Arrange students to sit in a circle. Ask one of the students in the group to count from 1.

3. The student on the left should say 2, and so on.

4. When the student needs to say a number that contains 7, e.g. 7, 17, 70, etc, he or she should not speak but clap his or her hands instead.

Write the first ten numbers that contain the number 7.

7, 17, _____ , _____ , _____ ,

_____ , _____ , _____ , _____ , _____

5. If a student

 (i) forgets to clap his or her hands for a number that contains the number 7,

 (ii) forgets to say the next number after someone claps his or her hands,

 (iii) claps for a number that doesn't contain the number 7,

 he or she has to leave the game.

6. Continue the game until only one student is left. He or she is the winner.

Challenge 2 ·•·• The multiples of 7

Follow the same procedure as in Challenge 1. This time, students need to clap for the multiples of 7, e.g. 7, 14, 21, etc.

> Write the first 10 multiples of 7.
>
> 7, 14 , _____ , _____ , _____ ,
>
> _____ , _____ , _____ , _____ , _____

Challenge 3 ·•·• The common multiples of 3 and 4

Follow the same procedure as in Challenge 1. This time, students need to clap for the common multiples of 3 and 4, e.g. 12, 24, 36, etc.

> Write the first 10 common multiples of 3 and 4.
>
> 12 , 24 , _____ , _____ , _____ ,
>
> _____ , _____ , _____ , _____ , _____